Bernd BÃ¼chner

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4256498/publications.pdf

Version: 2024-02-01

1,130 papers	35,834 citations	4831 87 h-index	12940 136 g-index
1141 all docs	1141 docs citations	1141 times ranked	31038 citing authors

#	Article	IF	Citations
1	Synthesis and Physical Properties of Iridium-Based Sulfide Ca1â^'xIr4S6(S2) [x = 0.23â€“0.33]. Electronic Materials, 2022, 3, 41-52.	0.9	0
2	Thermodynamic and DFT modeling in quaternary Co-based Heusler phase space: Understanding the interplay between disorder, bonding, and magnetism. Computational Materials Science, 2022, 203, 111089.	1.4	3
3	Tuning the electronic structure of the trichloride honeycomb lattice by transition metal substitution. Physical Review Materials, 2022, 6, .	0.9	3
4	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">P</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>31</mml:mn></mml:mrow></mml:mmultiscripts></mml:math> NMR investigation of quasi-two-dimensional magnetic correlations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>T</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:m	1.1	8
5	Charge-Density-Wave-Induced Peak-Dip-Hump Structure and the Multiband Superconductivity in a Kagome Superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>CsV</mml:mi></mml:mrow><mml:mrow><mml:mn> Physical Review Letters, 2022, 128, 036402.	2.9	51
6	Direct Deposition of (Bi_xSb_{1â€“x})₂Te₃ Nanosheets on Si/SiO₂ Substrates by Chemical Vapor Transport. Crystal Growth and Design, 2022, 22, 2354-2363.	1.4	1
7	Magnetoelastic coupling anisotropy in the Kitaev material <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â^'</mml:mtext><mml:mi>Ru Physical Review B, 2022, 105, .	1.1	8
8	Highly efficient modulation doping: A path toward superior organic thermoelectric devices. Science Advances, 2022, 8, eabl9264.	4.7	15
9	Interplay of charge density waves, disorder, and superconductivity in 2H-TaSe₂ elucidated by NMR. New Journal of Physics, 2022, 24, 043008.	1.2	7
10	Unveiling the three-dimensional magnetic texture of skyrmion tubes. Nature Nanotechnology, 2022, 17, 250-255.	15.6	45
11	Determination of Cleavage Energy and Efficient Nanostructuring of Layered Materials by Atomic Force Microscopy. Nano Letters, 2022, 22, 3550-3556.	4.5	7
12	Elastoresistivity of Heavily Hole-Doped 122 Iron Pnictide Superconductors. Frontiers in Physics, 2022, 10, .	1.0	0
13	Strong effects of uniaxial pressure and short-range correlations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mn></mml:mn></mml:mrow></mml:math> Physical Review Research, 2022, 4, .	1.2	8
14	Isolated fourfold fermion in BiTeI. Physical Review B, 2022, 105, .	1.1	1
15	Low-energy excitations and magnetic anisotropy of the layered van der Waals antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ni</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">P</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2022, 105, .	1.1	6
16	Tailoring electron beams with high-frequency self-assembled magnetic charged particle micro optics. Nature Communications, 2022, 13, .	5.8	6
17	Optical Anisotropy and Momentum-Dependent Excitons in Dibenzopentacene Single Crystals. ACS Omega, 2022, 7, 21183-21191.	1.6	4
18	Metamagnetic transition and a loss of magnetic hysteresis caused by electron trapping in monolayers of single-molecule magnet Tb₂@C₇₉N. Nanoscale, 2022, 14, 9877-9892.	2.8	6

#	Article	IF	Citations
19	Synthesis of micro- and nanosheets of CrCl₃â€“RuCl₃ solid solution by chemical vapour transport. Nanoscale, 2022, 14, 10483-10492.	2.8	3
20	Understanding Intermolecular Interactions in a Tetraceneâ€“F4TCNQ Cocrystal via Its Electron Density Distribution and Topology. Crystal Growth and Design, 2021, 21, 471-481.	1.4	11
21	Selfâ€Assembled Rolledâ€Up Microcoils for nL Microfluidics NMR Spectroscopy. Advanced Materials Technologies, 2021, 6, .	3.0	10
22	Experimental Evidence of a Stable 2H Phase on the Surface of Layered 1Tâ€²-TaTe₂. Journal of Physical Chemistry C, 2021, 125, 1150-1156.	1.5	8
23	Supramolecular chirality in the crystals of mononuclear and polymeric cobalt(ii) complexes with enantiopure and racemic N-thiophosphorylated thioureas. CrystEngComm, 2021, 23, 2081-2090.	1.3	1
24	Temperature-dependent dynamics of endohedral fullerene Sc₂@C₈₀(CH₂Ph) studied by EPR spectroscopy. Physical Chemistry Chemical Physics, 2021, 23, 18206-18220.	1.3	4
25	Magnetically induced local lattice anomalies and low-frequency fluctuations in the Mott insulator La2O3Fe2Se2. Physical Review B, 2021, 103, .	1.1	1
26	Thermoelectric Materials: Thermoelectric Properties of Novel Semimetals: A Case Study of YbMnSb₂ (Adv. Mater. 7/2021). Advanced Materials, 2021, 33, 2170051.	11.1	1
27	Strain derivative of thermoelectric properties as a sensitive probe for nematicity. Npj Quantum Materials, 2021, 6, .	1.8	5
28	Vacuum processed large area doped thin-film crystals: A new approach for high-performance organic electronics. Materials Today Physics, 2021, 17, 100352.	2.9	15
29	Linkage between scattering rates and superconductivity in doped ferropnictides. Physical Review B, 2021, 103, .	1.1	9
30	Orbital Complexity in Intrinsic Magnetic Topological Insulators <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>MnBi</mml:mi></mml:mrow><mml:mrow><mml:mn>4</mml:mn></ and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mr. Physical Review Letters, 2021, 126, 176403.	2.9	41
31	Evidence for a percolative Mott insulator-metal transition in doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:m Physical Review Research, 2021, 3, .	1.3	7
32	Mapping out the spin fluctuations in Co-doped LaFeAsO single crystals by NMR. Physical Review B, 2021, 103, .	1.1	2
33	Revisiting the phase diagram of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">LaFe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â”</mml:mo><mml:mi>x</mml:mi></mml:mrow mathvariant="normal">Co</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi>AsO</mml:mi></mml:math> In single crystals by thermodynamic methods. Physical Review B, 2021, 103, .	1.1	7
34	Topological magnetic order and superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Eu</mml:mi><mml:mi>Rb</mml:mi><mml:msub><mml:m Physical Review B, 2021, 103, .	1.1	10
35	Strongly anisotropic spin dynamics in magnetic topological insulators. Physical Review B, 2021, 103, .	1.1	13
36	Crystal Growth of the Quasi-2D Quarternary Compound AgCrP2S6 by Chemical Vapor Transport. Crystals, 2021, 11, 500.	1.0	8

#	Article	IF	Citations
37	Anomalous band renormalization due to a high-energy kink in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mrow><mml:mn>0.65</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi>RhO</mml:mi> with colossal thermoelectric power factor. Physical Review Materials, 2021, 5, .	2.9	0
38	TSFZ growth of Nd-substituted LSCO superconducting crystals. Journal of Crystal Growth, 2021, 562, 126082.	0.7	1
39	Strong Photophysical Diversity and the Role of Charge Transfer Excitons in Transition Metal Phthalocyanine Î²-Phases. Journal of Physical Chemistry C, 2021, 125, 12398-12404.	1.5	6
40	Laser-Assisted Floating Zone Growth of BaFe2S3 Large-Sized Ferromagnetic-Impurity-Free Single Crystals. Crystals, 2021, 11, 758.	1.0	3
41	Tuning Magnetic and Transport Properties in Quasi-2D (Mn1âˆ’xNix)2P2S6 Single Crystals. Electronic Materials, 2021, 2, 284-298.	0.9	19
42	Layered van der Waals Topological Metals of TaTMTe4 (TM = Ir, Rh, Ru) Family. Journal of Physical Chemistry Letters, 2021, 12, 6730-6735.	2.1	8
43	Unusual spin dynamics in the honeycomb spin web lattice <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cu</mml:mi><mml:mn>3</mml:mn> mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math> probed by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Te</mml:mi><mml:mprescripts /><mml:none /><mml:mn>125</mml:mn></mml:mmultiscripts></mml:math> nuclear magnetic re. Physics	1.3	3
44	Robust Single Molecule Magnet Monolayers on Graphene and Graphite with Magnetic Hysteresis up to 28ÂK. Advanced Functional Materials, 2021, 31, 2105516.	7.8	28
45	Exciton dispersion in para-quaterphenyl: Significant molecular interactions beyond Coulomb coupling. AIP Advances, 2021, 11, 095313.	0.6	2
46	Tailoring Plasmonics of Au@Ag Nanoparticles by Silica Encapsulation. Advanced Optical Materials, 2021, 9, 2101221.	3.6	5
47	Gadolinium as an accelerator for reaching thermal equilibrium and its influence on the ground state of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Dy</mml:mi><mml:mn>2</mml:mn> mathvariant="normal">C</mml:mi><mml:mn>80</mml:mn></mml:msub></mml:mrow></mml:math> single-molecule magnets. Physical Review B, 2021, 103, .	1.1	6
48	BaFe2As2 Investigated by Pump-Probe Spectroscopy under High Pressures. , 2021, , .		0
49	Magnetic Hysteresis at 10 K in Single Molecule Magnet Selfâ€Assembled on Gold. Advanced Science, 2021, 8, 2000777.	5.6	25
50	Electrophilic Trifluoromethylation of Dimetallofullerene Anions en Route to Air-Stable Single-Molecule Magnets with High Blocking Temperature of Magnetization. Journal of the American Chemical Society, 2021, 143, 18139-18149.	6.6	28
51	State with spontaneously broken time-reversal symmetry above the superconducting phase transition. Nature Physics, 2021, 17, 1254-1259.	6.5	41
52	Strongly scattered phonon heat transport of the candidate Kitaev material <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Na</mml:mi><mml:mn>2</mml:mn> Physical Review B, 2021, 104, .	1.1	28
53	Magnetic-field tuning of the spin dynamics in the magnetic topological insulators<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:msub> Physical Review B, 2021, 104, .	1.1	9
54	Precise measurement of angles between two magnetic moments and their configurational stability in single-molecule magnets. Physical Review B, 2021, 104, .	1.1	5

#	Article	IF	Citations
55	Thermal transport of the frustrated spin-chain mineral linarite: Magnetic heat transport and strong spin-phonon scattering. Physical Review B, 2021, 104, .	1.1	6
56	Persistence of Ising-like easy-axis spin correlations in the paramagnetic state of the spin-1 chain compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>NiTe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2021, 104, .	1.1	2
57	Substrateâ€Independent Magnetic Bistability in Monolayers of the Singleâ€Molecule Magnet Dy₂ScN@C₈₀ on Metals and Insulators. Angewandte Chemie - International Edition, 2020, 59, 5756-5764.	7.2	26
58	Singleâ€Molecule Magnets DyM₂N@C₈₀ and Dy₂MN@C₈₀ (M=Sc, Lu): The Impact of Diamagnetic Metals on Dy³⁺ Magnetic Anisotropy, Dyâ‹…â‹…â‹…Dy Coupling, and Mixing of Molecular and Lattice Vibrations. Chemistry - A European Journal, 2020, 26, 2436-2449.	1.7	23
59	Interplay of electron correlations, spin-orbit couplings, and structural effects for Cu centers in the quasi-two-dimensional magnet InCu2/3V1/3O3. Physical Review B, 2020, 102, .	1.1	1
60	Molecular beam epitaxy of antiferromagnetic (MnBi2Te4)(Bi2Te3) thin films on BaF2 (111). Journal of Applied Physics, 2020, 128, .	1.1	23
61	Tetranuclear Lanthanide Complexes Supported by Hydroxyquinolineâ€Calix[4]areneâ€Ligands: Synthesis, Structure, and Magnetic Properties of [Ln₄(H₃L)₂(Âµâ€OH)₂(NO₃)₄] (Ln = Tb, Dy, Yb) and [Dy₂(H₄L)₂(NO₃)](NO₃). European Journal of Inorganic Chemistry, 2020, 2020, 4203-4214.	1.0	5
62	Thermodynamic Evaluation and Chemical Vapor Transport of Few-Layer WTe₂. Crystal Growth and Design, 2020, 20, 7341-7349.	1.4	7
63	Unusually large hyperfine structure of the electron spin levels in an endohedral dimetallofullerene and its spin coherent properties. Nanoscale, 2020, 12, 20513-20521.	2.8	16
64	Tuning of the electronic and phononic properties of NbFeSb half-Heusler compound by Sn/Hf co-doping. Acta Materialia, 2020, 196, 669-676.	3.8	18
65	Experimental Evidence of Three-Gap Superconductivity in LiFeAs. JETP Letters, 2020, 111, 350-356.	0.4	8
66	Discovery, Crystal Growth, and Characterization of Garnet Eu₂PbSb₂Zn₃O₁₂. European Journal of Inorganic Chemistry, 2020, 2020, 2512-2520.	1.0	2
67	Synthesis and charge transfer characteristics of a rutheniumâ€“acetylide complex. RSC Advances, 2020, 10, 43242-43247.	1.7	1
68	Evolution of the Nematic Susceptibility in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>LaFe</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:mrow></mml:math>. Physical Review Letters, 2020, 125, 067001.	2.9	15
69	La6Pd2+xSb15 (x = 0.28): A rare-earth palladium intermetallic compound with extended pnictogen ribbons. Journal of Solid State Chemistry, 2020, 291, 121578.	1.4	2
70	Magnetic hysteresis and strong ferromagnetic coupling of sulfur-bridged Dy ions in clusterfullerene Dy₂S@C₈₂. Inorganic Chemistry Frontiers, 2020, 7, 3521-3532.	3.0	12
71	Charge-transfer energy in iridates: A hard x-ray photoelectron spectroscopy study. Physical Review B, 2020, 102, .	1.1	9
72	Observation of a random singlet state in a diluted Kitaev honeycomb material. Physical Review B, 2020, 102, .	1.1	22

#	Article	IF	Citations
73	Momentum dependent $$d_{xz/yz}$$ band splitting in LaFeAsO. Scientific Reports, 2020, 10, 19377.	1.6	3
74	Nematic superconductivity in LiFeAs. Physical Review B, 2020, 102, .	1.1	19
75	Spectromicroscopic measurements of electronic structure variations in atomically thin WSe2. AIP Advances, 2020, 10, 095027.	0.6	0
76	Mg₃(Bi,Sb)₂ single crystals towards high thermoelectric performance. Energy and Environmental Science, 2020, 13, 1717-1724.	15.6	91
77	Evidence for an orbital dependent Mott transition in the ladders of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:mi>La</mml:mi>	1.1	3
78	Sub-Kelvin hysteresis of the dilanthanide single-molecule magnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Tb</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mrow><mml:mi mathvariant="normal">C</mml:mi><mml:mn>80</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 101, .	1.1	10
79	Electronic structure of epitaxial perovskite films in the two-dimensional limit: Role of the surface termination. Applied Physics Letters, 2020, 116, 201601.	1.5	2
80	Superconductivity with broken time-reversal symmetry inside a superconducting s-wave state. Nature Physics, 2020, 16, 789-794.	6.5	59
81	Charge transfer characteristics of F 6 TCNNQâ€“gold interface. Surface and Interface Analysis, 2020, 52, 953-956.	0.8	5
82	Metamagnetism of Weakly Coupled Antiferromagnetic Topological Insulators. Physical Review Letters, 2020, 124, 197201.	2.9	41
83	Electronic structure studies of FeSi: A chiral topological system. Physical Review B, 2020, 101, .	1.1	15
84	Systematic Investigations of Annealing and Functionalization of Carbon Nanotube Yarns. Molecules, 2020, 25, 1144.	1.7	10
85	Field-induced transitions in the Kitaev material Î±â^'RuCl3 probed by thermal expansion and magnetostriction. Physical Review B, 2020, 101, .	1.1	24
86	Substrateâ€Independent Magnetic Bistability in Monolayers of the Singleâ€Molecule Magnet Dy 2 ScN@C 80 on Metals and Insulators. Angewandte Chemie, 2020, 132, 5805-5813.	1.6	1
87	Separate tuning of nematicity and spin fluctuations to unravel the origin of superconductivity in FeSe. Npj Quantum Materials, 2020, 5, .	1.8	18
88	Flux growth of Sr+1Ir O3+1 (nÂ=Â1, 2, â^ž) crystals. Journal of Crystal Growth, 2020, 540, 125657.	0.7	4
89	FMR Studies of Exchange-Biased Heusler Alloy Thin Films. Applied Magnetic Resonance, 2020, 51, 461-472.	0.6	0
90	Unified phase diagram of F-doped LaFeAsO by means of NMR and NQR parameters. Physical Review B, 2020, 101, .	1.1	7

#	Article	IF	Citations
91	Investigation of potassium-intercalated bulk<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>MoS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> transmission electron energy-loss spectroscopy. Physical Review B, 2020, 101, .	1.1	5
92	Sequentially Processed P3HT/CN6â€CP^{â€¢â^'}NBu⁴⁺ Films: Interfacial or Bulk Doping?. Advanced Electronic Materials, 2020, 6, 1901346.	2.6	8
93	Shape-adaptive single-molecule magnetism and hysteresis up to 14 K in oxide clusterfullerenes Dy₂O@C₇₂ and Dy₂O@C₇₄ with fused pentagon pairs and flexible Dyâ€"(Î¼₂-O)â€"Dy angle. Chemical Science, 2020, 11, 4766-4772.	3.7	28
94	Pulsed laser deposition of Fe-oxypnictides: Co- and F-substitution. Superconductor Science and Technology, 2020, 33, 105004.	1.8	5
95	High-field thermal transport properties of the Kitaev quantum magnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â^'</mml:mtext><mml:mi>Ru</mml:mi></mml:mrow></mml:math> : Evidence for low-energy excitations beyond the critical field. Physical Review B, 2020, 102, .	1.1	18
96	Potassium-intercalated bulk <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">HfS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">HfSe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> : Phase stability, Electronic band structure, and ferromagnetic resonance spectroscopy. Physical Review Materials, 2020, 4, .	0.9	6
97	Electron spin resonance and ferromagnetic resonance spectroscopy in the high-field phase of the van der Waals magnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CrCl</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> Physical Review Materials, 2020, 4, .	0.9	24
98	Incommensurate magnet iron monophosphide FeP: Crystal growth and characterization. Physical Review Materials, 2020, 4, .	0.9	5
99	Polymorphic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>PtBi</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> : Growth, structure, and superconducting properties. Physical Review Materials, 2020, 4, .	0.9	17
100	Kitaev magnetism and fractionalized excitations in double perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">m</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>ZnIr</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review Research, 2020, 2, .	1.3	15
101	Kramers doublets, phonons, crystal-field excitations, and their coupling in Nd2ZnIrO6. Physical Review Research, 2020, 2, .	1.3	9
102	Coupling of lattice, spin, and intraconfigurational excitations of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mi>Eu</mml:mi></mml:mrow><mml:mrow> in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Eu</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review Research, 2020, 2, .	1.3	11
103	Low-temperature enhancement of ferromagnetic Kitaev correlations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mo>â^'</mml:mo><mml:mi>Ru</mml:mi></mml:mrow></mml:math> Physical Review Materials, 2020, 4, .	0.9	18
104	Evolution of Structure and Electronic Correlations in a Series of BaT₂As₂ (T) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.9	2
105	Correlated paramagnetism and interplay of magnetic and phononic degrees of freedom in 3d-5d coupled La2CuIrO6. Journal of Physics Condensed Matter, 2019, 31, 485803.	0.7	5
106	Single Molecule Magnetism with Strong Magnetic Anisotropy and Enhanced Dyâ^™â^™â^™Dy Coupling in Three Isomers of Dyâ€Oxide Clusterfullerene Dy₂O@C₈₂. Advanced Science, 2019, 6, 1901352.	5.6	40
107	Energy scale of nematic ordering in the parent iron-based superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2019, 100, .	1.1	10
108	Layered manganese bismuth tellurides with GeBi₄Te₇- and GeBi₆Te₁₀-type structures: towards multifunctional materials. Journal of Materials Chemistry C, 2019, 7, 9939-9953.	2.7	32

#	Article	IF	Citations
109	Superconducting switching due to a triplet component in the Pb/Cu/Ni/Cu/Co₂Cr₁_{â^'x}Fe_xAl_y spin-valve structure. Beilstein Journal of Nanotechnology, 2019, 10, 1458-1463.	1.5	16
110	Probing the reconstructed Fermi surface of antiferromagnetic BaFe2As2 in one domain. Npj Quantum Materials, 2019, 4, .	1.8	26
111	Charge-Transfer Complexes of Linear Acenes with a New Acceptor Perfluoroanthraquinone. The Interplay of Charge-Transfer and FÂ·Â·Â·F Interactions. Crystal Growth and Design, 2019, 19, 5123-5131.	1.4	6
112	Layered Î±-TiCl₃: Microsheets on YSZ Substrates for Ethylene Polymerization with Enhanced Activity. Chemistry of Materials, 2019, 31, 5305-5313.	3.2	5
113	Evidence of hot and cold spots on the Fermi surface of LiFeAs. Physical Review B, 2019, 99, .	1.1	20
114	Effect of the Diamagnetic Single-Crystalline Host on the Angular-Resolved Electron Nuclear Double Resonance Experiments: Case of Paramagnetic [ⁿBu₄N]₂[Cu(opba)] Embedded in Diamagnetic [ⁿBu₄N]₂[Ni(opba)]. Journal of Physical Chemistry Letters, 2019, 10, 6565-6571.	2.1	1
115	Magnetic Nanoparticle Chains in Gelatin Ferrogels: Bioinspiration from Magnetotactic Bacteria. Advanced Functional Materials, 2019, 29, 1905996.	7.8	23
116	Chromium Trihalides CrX₃ (X = Cl, Br, I): Direct Deposition of Microâ€•and Nanosheets on Substrates by Chemical Vapor Transport. Advanced Materials Interfaces, 2019, 6, 1901410.	1.9	37
117	Magnetization Dynamics of an Individual Singleâ€Crystalline Feâ€Filled Carbon Nanotube. Small, 2019, 15, 1904315.	5.2	18
118	Nonlocal dielectric function and nested dark excitons in MoS2. Npj 2D Materials and Applications, 2019, 3, .	3.9	8
119	Superconducting spin-valve effect in heterostructures with ferromagnetic Heusler alloy layers. Physical Review B, 2019, 100, .	1.1	14
120	Ground state and low-temperature magnetism of the quasi-two-dimensional honeycomb compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>InCu</mml:mi><mml:mrow><mml:mn>2</m mathvariant="normal">V</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>3</mml:mn></mml:mrow></ mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2019, 100, .	1.1	5
121	Crystal size versus paddle wheel deformability: selective gated adsorption transitions of the switchable metalâ€“organic frameworks DUT-8(Co) and DUT-8(Ni). Journal of Materials Chemistry A, 2019, 7, 21459-21475.	5.2	54
122	Spectroscopic evidence of nematic fluctuations in LiFeAs. Physical Review B, 2019, 100, .	1.1	6
123	Zn and Co redox active coordination polymers as efficient electrocatalysts. Dalton Transactions, 2019, 48, 3601-3609.	1.6	41
124	Bandwidth controlled insulator-metal transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></ mathvariant="normal">S</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> : A MÃ¶ssbauer study under pressure. Physical Review B, 2019, 99, .	1.1	18
125	Simulation and synthesis of Î±-MoCl3 nanosheets on substrates by short time chemical vapor transport. Nano Structures Nano Objects, 2019, 19, 100324.	1.9	12
126	Charge and nematic orders in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>A</mml:mi><mml:msub><mml:mi>Fe</mml:mi> superconductors. Physical Review B, 2019, 99, .	1.1	13

#	Article	IF	Citations
127	Spin-glass state and reversed magnetic anisotropy induced by Cr doping in the Kitaev magnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â^'</mml:mtext><mml:msub> Physical Review B, 2019, 99, .	1.1	20
128	A Phthalocyanineâ€Based Layered Twoâ€Dimensional Conjugated Metalâ€“Organic Framework as a Highly Efficient Electrocatalyst for the Oxygen Reduction Reaction. Angewandte Chemie - International Edition, 2019, 58, 10677-10682.	7.2	278
129	Mixed dysprosium-lanthanide nitride clusterfullerenes Dy₂N@C₈₀-I_hand Dy₂MN@C₈₀-I_h(M = Gd, Er, Tm, and Lu): synthesis, molecular structure, and quantum motion of the endohedral nitrogen atom. Nanoscale, 2019, 11, 13139-13153.	2.8	15
130	Detuning the Honeycomb of the Î±-RuCl₃ Kitaev Lattice: A Case of Cr³⁺ Dopant. Inorganic Chemistry, 2019, 58, 6659-6668.	1.9	12
131	Endohedral metal-nitride cluster ordering in metallofullereneâ€“Ni^{II}(OEP) complexes and crystals: a theoretical study. Physical Chemistry Chemical Physics, 2019, 21, 8197-8200.	1.3	22
132	Large thermal Hall effect in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â^'</mml:mtext><mml:msub><mml: : Evidence for heat transport by Kitaev-Heisenberg paramagnons. Physical Review B, 2019, 99, .	1.1	67
133	Magnetic phase diagram of the frustrated spin chain compound linarite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>PbCuSO</mml:mi><mml:mn>4</mml:mn> as seen by neutron diffraction and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi	1.1	12
134	Magnetic anisotropy and spin-polarized two-dimensional electron gas in the van der Waals ferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cr</mml:mi><mml:mn>2</mml:mn></mml: Physical Review B, 2019, 99, .	1.1	56
135	Magnetic interactions and spin dynamics in the bond-disordered pyrochlore fluoride <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>NaCaCo</mml:mi><mml:mn>2</mml:mn> mathvariant="normal">F</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2019, 99, .	1.1	6
136	Spin-polaron ladder spectrum of the spin-orbit-induced Mott insulator Sr2IrO4 probed by scanning tunneling spectroscopy. Physical Review B, 2019, 99, .	1.1	3
137	Magnetization reversal and local switching fields of ferromagnetic Co/Pd microtubes with radial magnetization. Physical Review B, 2019, 99, .	1.1	5
138	Chemical Aspects of the Candidate Antiferromagnetic Topological Insulator MnBi₂Te₄. Chemistry of Materials, 2019, 31, 2795-2806.	3.2	203
139	Hohe Blockâ€Temperatur der Magnetisierung und herausragende Koerzitivfeldstärke im Azafulleren Tb 2 @C 79 N mit einer Einelektronenâ€Terbiumâ€Terbiumâ€Bindung. Angewandte Chemie, 2019, 131, 5951-5956.	1.6	12
140	Nematicity and structure in LaFe1-xCoxAsO. Journal of Magnetism and Magnetic Materials, 2019, 482, 50-53.	1.0	5
141	Air-stable redox-active nanomagnets with lanthanide spins radical-bridged by a metalâ€“metal bond. Nature Communications, 2019, 10, 571.	5.8	112
142	High Blocking Temperature of Magnetization and Giant Coercivity in the Azafullerene Tb₂@C₇₉N with a Singleâ€Electron Terbiumâ€“Terbium Bond. Angewandte Chemie - International Edition, 2019, 58, 5891-5896.	7.2	66
143	The Dresden in-situ (S)TEM special with a continuous-flow liquid-helium cryostat. Ultramicroscopy, 2019, 203, 12-20.	0.8	1
144	Strong spin resonance mode associated with suppression of soft magnetic ordering in hole-doped Ba1-xNaxFe2As2. Npj Quantum Materials, 2019, 4, .	1.8	7

#	Article	IF	Citations
145	Giant Spin-Valve Effect in Heterostructures with a Superconducting Layer. JETP Letters, 2019, 110, 342-347.	0.4	3
146	Possible experimental realization of a basic Z2 topological semimetal in GaGeTe. APL Materials, 2019, 7, .	2.2	17
147	Topological Electronic Structure and Intrinsic Magnetization in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>MnBi</mml:mi></mml:mrow><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>: A <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Physical Review X, 2019, 9, .	12.8	86
148	An unusual donorâ€“acceptor system Mn^{II}Pc-TCNQ/F₄-TCNQ and the properties of the mixed single crystals of metal phthalocyanines with organic acceptor molecules. Dalton Transactions, 2019, 48, 17252-17257.	1.6	3
149	Coherent spin dynamics of solitons in the organic spin chain compounds <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:mi>o</mml:mi><mml:mo>)</mml:mo><mml:mrow><mml:mo>(</mml:mo><mml:mi>X</mml:mi><mml:mo>=</mml:mo><mml:mi>Cl</mml:mi><mml:mo>,</mml:mo><mml:mo><mml:mi>B, 2019, 100, .	1.1	6
150	Prediction and observation of an antiferromagnetic topological insulator. Nature, 2019, 576, 416-422.	13.7	701
151	Investigation of the surface properties of different highly aligned N-MWCNT carpets. Carbon, 2019, 141, 99-106.	5.4	3
152	Orbitonâ€“phonon coupling in Ir⁵⁺(5d ⁴) double perovskite Ba₂YIrO₆. Journal of Physics Condensed Matter, 2019, 31, 065603.	0.7	8
153	Growth of LiCoO₂ Single Crystals by the TSFZ Method. Crystal Growth and Design, 2019, 19, 415-420.	1.4	8
154	Direct study of structural phase transformation in single crystalline bulk and thin film BaFe2As2. Micron, 2019, 119, 1-7.	1.1	2
155	Laser-diode-heated floating-zone crystal growth of ErVO3. Journal of Crystal Growth, 2019, 507, 406-412.	0.7	5
156	Absence of Dirac fermions in layered <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>BaZnBi</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> Physical Review Materials, 2019, 3, .	2.9	6
157	Observation of heavy spin-orbit excitons propagating in a nonmagnetic background: The case of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:mi>Ba</mml:mi></mml:mrow> Physical Review B, 2018, 97, .	1.1	29
158	Giant exchange coupling and field-induced slow relaxation of magnetization in Gd₂@C₇₉N with a single-electron Gdâ€“Gd bond. Chemical Communications, 2018, 54, 2902-2905.	2.2	36
159	Impact of concomitant Y and Mn substitution on superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:mn>1</mml:mn> mathvariant="normal">Y</mml:mi><mml:mi>y</mml:mi></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>1</mml:mn> Physical Review B, 2018, 97, .	1.1	7
160	Investigation of indirect excitons in bulk 2H-MoS₂using transmission electron energy-loss spectroscopy. Journal of Physics Condensed Matter, 2018, 30, 205502.	0.7	5
161	Domain matching epitaxy of BaBiO3 on SrTiO3 with structurally modified interface. Applied Physics Letters, 2018, 112, 141601.	1.5	17
162	Magnetization relaxation in the single-ion magnet DySc₂N@C₈₀: quantum tunneling, magnetic dilution, and unconventional temperature dependence. Physical Chemistry Chemical Physics, 2018, 20, 11656-11672.	1.3	49

#	Article	IF	Citations
163	Morphology of MWCNT in dependence on N-doping, synthesized using a sublimation-based CVD method at 750â€ Â°C. Diamond and Related Materials, 2018, 86, 8-14.	1.8	9
164	Superconducting spin-valve effect in a heterostructure containing the Heusler alloy as a ferromagnetic layer. Journal of Magnetism and Magnetic Materials, 2018, 459, 7-11.	1.0	7
165	Possible origin of linear magnetoresistance: Observation of Dirac surface states in layered <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>PtBi</mml:mi><mml:mn>2</mml:mn></mml:msub></m Physical Review B, 2018, 97, .	1.1	23
166	Magneto-structural correlations in oxalate-bridged Sr(<scp>ii</scp>)Cr(<scp>iii</scp>) coordination polymers: structure, magnetization, X-band, and high-field ESR studies. Dalton Transactions, 2018, 47, 3992-4000.	1.6	11
167	Suppression of scattering in quantum confined 2D helical Dirac systems. Physical Review B, 2018, 97, .	1.1	10
168	Carbon nanotube-assisted synthesis of ferromagnetic Heusler nanoparticles of Fe₃Ga (Nano-Galfenol). Journal of Materials Chemistry C, 2018, 6, 1255-1263.	2.7	6
169	Three-dimensional electronic structure of the nematic and antiferromagnetic phases of NaFeAs from detwinned angle-resolved photoemission spectroscopy. Physical Review B, 2018, 97, .	1.1	15
170	Inhomogeneities and superconductivity in poly-phase Fe-Se-Te systems. Physica B: Condensed Matter, 2018, 531, 102-109.	1.3	9
171	Electrochemical generation and observation by magnetic resonance of superparamagnetic cobalt nanoparticles. Electrochimica Acta, 2018, 260, 324-329.	2.6	13
172	Direct observation of the lowest indirect exciton state in the bulk of hexagonal boron nitride. Physical Review B, 2018, 97, .	1.1	36
173	Three-dimensional superconducting gap in FeSe from angle-resolved photoemission spectroscopy. Physical Review B, 2018, 97, .	1.1	49
174	Unusual Phonon Heat Transport in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â^'</mml:mtext><mml:msub><mml:mrow><mml:mi>RuCl</mml:mi><mml:mi> : Strong Spin-Phonon Scattering and Field-Induced Spin Gap. Physical Review Letters, 2018, 120, 117204.	2.9	146
175	Resistance-heating of carbon nanotube yarns in different atmospheres. Carbon, 2018, 133, 232-238.	5.4	12
176	Solid state single crystal growth of three-dimensional faceted LaFeAsO crystals. Journal of Crystal Growth, 2018, 483, 9-15.	0.7	20
177	Suppression of the magnetic order in CeFeAsO: Nonequivalence of hydrostatic and in-plane chemical pressure. Physical Review B, 2018, 98, .	1.1	4
178	Signatures of low-energy fractionalized excitations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â^'</mml:mtext><mml:msub><mml:mi> from field-dependent microwave absorption. Physical Review B, 2018, 98, .	1.1	40
179	Microscopic phase diagram of LaFeAsO single crystals under pressure. Physical Review B, 2018, 98, .	1.1	2
180	Anomalous Nernst effect and field-induced Lifshitz transition in the Weyl semimetals TaP and TaAs. Physical Review B, 2018, 98, .	1.1	45

#	Article	IF	Citations
181	Coexistence of the magnetically ordered and Haldane states in (Y1-xNdx)2BaNiO5. EPJ Web of Conferences, 2018, 185, 03003.	0.1	0
182	Influence of different hydrocarbons on the height of MWCNT carpets: Role of catalyst and hybridization state of the carbon precursor. Diamond and Related Materials, 2018, 90, 18-25.	1.8	2
183	Cryogenic TEM Studies of Bloch and Neel Skyrmion Textures in Lacunar Spinels and Cubic Helimagnets. Microscopy and Microanalysis, 2018, 24, 946-947.	0.2	1
184	Mapping of the energetically lowest exciton in bulk<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>1</mml:mn><mml:mi>T</mml:mi><mml:mo>â^'</mml:m Physical Review B, 2018, 98, .	1.1	9
185	Spectral field mapping in plasmonic nanostructures with nanometer resolution. Nature Communications, 2018, 9, 4207.	5.8	21
186	Static and dynamic magnetism of the Ir-based double perovskites La2BIrO6 (B=Co , Zn) probed by magnetic resonance spectroscopies. Physical Review B, 2018, 98, .	1.1	9
187	Single-crystalline FeCo nanoparticle-filled carbon nanotubes: synthesis, structural characterization and magnetic properties. Beilstein Journal of Nanotechnology, 2018, 9, 1024-1034.	1.5	11
188	Chemical vapor growth and delamination of Î±-RuCl₃ nanosheets down to the monolayer limit. Nanoscale, 2018, 10, 19014-19022.	2.8	36
189	Evolution of the magnetic order of Fe and Eu sublattices in Eu_{1â^'x}Ca_xFe₂As₂ (0 â©½ x â©½ 1) single crystals. Journal of Physics Condensed Matter, 2018, 30, 415601.	0.7	4
190	Spectroscopic evidence of topological phase transition in the three-dimensional Dirac semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cd</mml:mi><mml:mn>3</mml:mn></mml: Physical Review B, 2018, 98, .	1.1	9
191	Synthesis, Characterization, and Electrochemistry of Layered Chalcogenides LiCuCh (Ch) Tj ETQq1 1 0.784314 rgBT /Ov	1.9	2
192	Induction Mapping of the 3D-Modulated Spin Texture of Skyrmions in Thin Helimagnets. Physical Review Letters, 2018, 120, 217201.	2.9	26
193	Magnetic hysteresis in self-assembled monolayers of Dy-fullerene single molecule magnets on gold. Nanoscale, 2018, 10, 11287-11292.	2.8	32
194	Nematicity and magnetism in LaFeAsO single crystals probed by As75 nuclear magnetic resonance. Physical Review B, 2018, 97, .	1.1	9
195	Tuning the interplay between nematicity and spin fluctuations in Na1â^'xLi x FeAs superconductors. Nature Communications, 2018, 9, 2139.	5.8	7
196	Electron Transfer and Unusual Chemical Transformations of F4â€TCNQ in a Reaction with Mnâ€Phthalocyanine. European Journal of Inorganic Chemistry, 2018, 2018, 3344-3353.	1.0	10
197	Isolation of proximity-induced triplet pairing channel in a superconductor/ferromagnet spin valve. EPJ Web of Conferences, 2018, 185, 08001.	0.1	0
198	Electrostatic Interaction across a Single-Layer Carbon Shell. Journal of Physical Chemistry Letters, 2018, 9, 3586-3590.	2.1	6

#	Article	IF	Citations
199	Fe1-xNix Alloy Nanoparticles Encapsulated Inside Carbon Nanotubes: Controlled Synthesis, Structure and Magnetic Properties. Nanomaterials, 2018, 8, 576.	1.9	6
200	Carbide clusterfullerene DyYTiC@C₈₀ featuring three different metals in the endohedral cluster and its single-ion magnetism. Chemical Communications, 2018, 54, 10683-10686.	2.2	30
201	Three-Dimensional Composition and Electric Potential Mapping of IIIâ€“V Coreâ€“Multishell Nanowires by Correlative STEM and Holographic Tomography. Nano Letters, 2018, 18, 4777-4784.	4.5	27
202	Surface superconductivity in the Weyl semimetal MoTe ₂ detected by point contact spectroscopy. 2D Materials, 2018, 5, 045014.	2.0	26
203	Quasi-periodic magnetization reversal of ferromagnetic nanoparticles induced by torsional oscillations in static magnetic fields. Nanotechnology, 2018, 29, 405503.	1.3	0
204	Theory and application of a novel co-resonant cantilever sensor. TM Technisches Messen, 2018, 85, 410-419.	0.3	5
205	Rolledâ€Up Selfâ€Assembly of Compact Magnetic Inductors, Transformers, and Resonators. Advanced Electronic Materials, 2018, 4, 1800298.	2.6	30
206	Increasing the performance of a superconducting spin valve using a Heusler alloy. Beilstein Journal of Nanotechnology, 2018, 9, 1764-1769.	1.5	8
207	Towards Induction Mapping of the 3D Spin Texture of Skyrmions. Microscopy and Microanalysis, 2018, 24, 930-931.	0.2	1
208	Crystal growth of off-stoichiometric Co2Cr1-xAl1+x Heusler compounds: Avoiding the solid state miscibility gap. Journal of Crystal Growth, 2018, 498, 103-108.	0.7	2
209	An ultra-high vacuum scanning tunneling microscope operating at sub-Kelvin temperatures and high magnetic fields for spin-resolved measurements. Review of Scientific Instruments, 2018, 89, 065104.	0.6	5
210	Unraveling the Nature of Magnetism of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>5</mml:mn><mml:msup><mml:mrow><mml:mi>d</mml:mi></mml:mrow><mml:mrow><mml: Double Perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ba</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mn> Physical Review Letters, 2018, 120, 237204.	2.9	39
211	Detuning the honeycomb of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â^’</mml:mtext><mml:msub : Pressure-dependent optical studies reveal broken symmetry. Physical Review B, 2018, 97, .	1.1	38
212	Pressure-induced dimerization and valence bond crystal formation in the Kitaev-Heisenberg magnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â^’</mml:mtext><mml:msub>< Physical Review B, 2018, 97, .	1.1	75
213	Thickness dependent electronic structure of exfoliated mono- and few-layer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>1</mml:mn><mml:msup><mml:mrow><mml:mi mathvariant="normal">T</mml:mi></mml:mrow><mml:mo>â€²</mml:mo></mml:msup><mml:mtext>â^’</mml:mtext><mml:msub>< Physical Review Materials, 2018, 2, .	0.9	13
214	Spin-singlet formation in the spin-tetramer layered organic-inorganic hybridCH3NH3Cu2Cl5. Physical Review Materials, 2018, 2, .	0.9	0
215	Defect states in LiFeAs as seen by lowâ€temperature scanning tunneling microscopy and spectroscopy. Physica Status Solidi (B): Basic Research, 2017, 254, 1600159.	0.7	6
216	Highâ€temperature superconductivity in ironâ€based compounds. Physica Status Solidi (B): Basic Research, 2017, 254, 1770206.	0.7	2

#	Article	IF	Citations
217	A calorimetric investigation of RbFe₂As₂ single crystals. Physica Status Solidi (B): Basic Research, 2017, 254, 1600208.	0.7	10
218	Magnetic structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mn>8</mml:mn></mml:r mathvariant="normal">O</mml:mi><mml:mn>19</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2017, 95, .	1.1	1
219	Particular electronic properties of F16CoPc: A decent electron acceptor material. Journal of Electron Spectroscopy and Related Phenomena, 2017, 215, 1-7.	0.8	13
220	Câ€axis transport of pnictide superconductors. Physica Status Solidi (B): Basic Research, 2017, 254, 1600157.	0.7	5
221	Electronic structure and ultrafast dynamics of FeAsâ€based superconductors by angleâ€and timeâ€resolved photoemission spectroscopy. Physica Status Solidi (B): Basic Research, 2017, 254, 1600382.	0.7	9
222	Observation of the weak electronic correlations in KFeCoAs2 (3d 6): an isoelectronic to the parent compounds of 122 series of iron pnictides BaFe2As2. Journal of Physics Condensed Matter, 2017, 29, 085503.	0.7	5
223	3D oxalate-based coordination polymers: Relationship between structure, magnetism and color, studied by high-field ESR spectroscopy. Polyhedron, 2017, 126, 120-126.	1.0	6
224	Unscreened plasmon dispersion of2Htransition metal dichalcogenides. Physical Review B, 2017, 95, .	1.1	3
225	Ni^{II}formate complexes with bi- and tridentate nitrogen-donor ligands: synthesis, characterization, and magnetic and thermal properties. Dalton Transactions, 2017, 46, 3963-3979.	1.6	8
226	Chemical vapor transport and characterization of MnBi2Se4. Journal of Crystal Growth, 2017, 459, 81-86.	0.7	16
227	Record-high thermal barrier of the relaxation of magnetization in the nitride clusterfullerene Dy₂ScN@C₈₀-I_h. Chemical Communications, 2017, 53, 7901-7904.	2.2	95
228	Semiconductor-to-metal transition in the bulk of WSe₂upon potassium intercalation. Journal of Physics Condensed Matter, 2017, 29, 165502.	0.7	6
229	Weakly-coupled quasi-1D helical modes in disordered 3D topological insulator quantum wires. Scientific Reports, 2017, 7, 45276.	1.6	23
230	Iridium double perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>I</mml:mi><mml:msub><mml:mi>rO</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math> : A combined structural and specific heat study. Physical Review B, 2017, 95, .	1.1	49
231	Superconductivity in Ni-Doped Baâ€“Feâ€“As Thin Films Prepared From Single-Crystal Targets Using PLD. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.1	9
232	Surface functionalization of WSe₂ by F₁₆CoPc. Physica Status Solidi (B): Basic Research, 2017, 254, 1600656.	0.7	2
233	Spin reorientation transition in Naâ€doped BaFe₂As₂ studied by singleâ€crystal neutron diffraction. Physica Status Solidi (B): Basic Research, 2017, 254, 1600181.	0.7	1
234	Site-selective spectroscopy with depth resolution using resonant x-ray reflectometry. Scientific Reports, 2017, 7, 13792.	1.6	9

#	Article	IF	Citations
235	Diluted paramagnetic impurities in nonmagnetic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Ba</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">YIrO</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:math>. Physical Review	1.1	21
236	Neutron diffraction study of the inverse spinels <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Co</mml:mi><mml:mn>2</mml:mn></mml: and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Co</mml:mi><mml:mn>2</mml:mn></mml: Physical Review B, 2017, 96, .	1.1	30
237	Unusual two-dimensional behavior of iron-based superconductors with low anisotropy. Physical Review B, 2017, 96, .	1.1	11
238	Low-energy spin dynamics and critical hole concentrations in La2â^'xSrxCuO4 (0.07â‰¤xâ‰¤0.2) revealed by La139 and Cu63 nuclear magnetic resonance. Physical Review B, 2017, 96, .	1.1	7
239	Dynamics of linarite: Observations of magnetic excitations. Physical Review B, 2017, 95, .	1.1	22
240	Compositional analysis of multi-element magnetic nanoparticles with a combined NMR and TEM approach. Journal of Nanoparticle Research, 2017, 19, 1.	0.8	3
241	Anomalous temperature evolution of the electronic structure of FeSe. Physical Review B, 2017, 96, .	1.1	34
242	Effect of different in-chain impurities on the magnetic properties of the spin chain compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SrCuO</mml:mi><mml:mn>2</mml:mn></mml:msub></ probed by NMR. Physical Review B, 2017, 96, .	1.1	10
243	Magnetic properties of individual Co2FeGa Heusler nanoparticles studied at room temperature by a highly sensitive co-resonant cantilever sensor. Scientific Reports, 2017, 7, 8881.	1.6	14
244	Experimental evidence for importance of Hund's exchange interaction for incoherence of charge carriers in iron-based superconductors. Physical Review B, 2017, 95, .	1.1	11
245	Evidence for a Field-Induced Quantum Spin Liquid in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math> - <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>RuCl</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow> Physical Review Letters, 2017, 118, 037201.	2.9	277
246	Polarization driven conductance variations at charged ferroelectric domain walls. Nanoscale, 2017, 9, 10933-10939.	2.8	16
247	Anisotropic magnetic interactions and spin dynamics in the spin-chain compound Cu(py)2Br2 : An experimental and theoretical study. Physical Review B, 2017, 96, .	1.1	5
248	Proximity effect between a superconductor and a partially spin-polarized ferromagnet: Case study of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mi>Pb</mml:mi><mml:mo>/</mml Physical Review B, 2017, 96, .	1.1	8
249	Signatures of a magnetic field-induced unconventional nematic liquid in the frustrated and anisotropic spin-chain cuprate LiCuSbO4. Scientific Reports, 2017, 7, 6720.	1.6	24
250	Magnetic resonance spectroscopy on the spin-frustrated magnets <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>YBaCo</mml:mi><mml:mn>3</mml:mn></mml:mrow></m mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math> () Tj ETQq0 0 1 rgBT /Overlock 10	1.1	5
251	Static and dynamic magnetic properties of the ferromagnetic coordination polymer [Co(NCS)₂(py)₂]_n. Physical Chemistry Chemical Physics, 2017, 19, 24534-24544.	1.3	44
252	High-energy electronic interaction in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>3</mml:mn><mml:mi>d</mml:mi></mml:mrow></mml:r band of high-temperature iron-based superconductors. Physical Review B, 2017, 96, .	1.1	7

#	Article	IF	Citations
253	Swedenborgite CaBa(Mn₂Fe₂)O₇ with Spin Ordering on a Geometrically Frustrated, Polar, Nonâ€centrosymmetric S = 5/2 Lattice. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1543-1550.	0.6	2
254	Switching Molecular Conformation with the Torque on a Single Magnetic Moment. Physical Review Letters, 2017, 119, 237202.	2.9	16
255	Observation of a remarkable reduction of correlation effects in BaCr ₂ As ₂ by ARPES. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12425-12429.	3.3	14
256	Field-induced quantum criticality in the Kitaev system <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mo>â^'</mml:mo><mml:mn>1</mml:mn></mml:mrow></mml:math> Physical Review B, 2017, 96, .	3.7	15
257	Single molecule magnet with an unpaired electron trapped between two lanthanide ions inside a fullerene. Nature Communications, 2017, 8, 16098.	5.8	189
258	Spin pseudogap in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mfrac><mml:mn>1</mml:mn></mml:mrow></mml:math> chain material <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> with impurities. Physical Review B, 2017, 95, .	1.1	9
259	Experimental realization of type-II Weyl state in noncentrosymmetric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>TaIrTe</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math> Physical Review B, 2017, 95, .	1.1	101
260	Magnetic Resonance Study of the Spin-1/2 Quantum Magnet BaAg2Cu[VO4]2. Zeitschrift Fur Physikalische Chemie, 2017, 231, 759-775.	1.4	3
261	The role of spinâ€“orbit coupling in the electronic structure of ironâ€based superconductors. Physica Status Solidi (B): Basic Research, 2017, 254, 1600550.	0.7	2
262	Nematicity in LaFeAsO_{1â^'x}F_x. Physica Status Solidi (B): Basic Research, 2017, 254, 1600214.	0.7	6
263	Frustration-driven C 4 symmetric order in a naturally-heterostructured superconductor Sr2VO3FeAs. Nature Communications, 2017, 8, 2167.	5.8	13
264	Magnetic properties of the spin-1 chain compound NiCl3C6H5CH2CH2NH3. Low Temperature Physics, 2017, 43, 1298-1304.	0.2	10
265	Adsorption characteristics of Er₃N@C₈₀on W(110) and Au(111) studied via scanning tunneling microscopy and spectroscopy. Beilstein Journal of Nanotechnology, 2017, 8, 1127-1134.	1.5	5
266	Estimate of the Degree of the Spin Polarization of a Ferromagnet from Data on the Superconductor/Ferromagnet Proximity Effect. JETP Letters, 2017, 106, 805-809.	0.4	1
267	The interplay between spin densities and magnetic superexchange interactions: case studies of mono- and trinuclear bis(oxamato)-type complexes. Beilstein Journal of Nanotechnology, 2017, 8, 2245-2256.	1.5	4
268	Charge transfer from and to manganese phthalocyanine: bulk materials and interfaces. Beilstein Journal of Nanotechnology, 2017, 8, 1601-1615.	1.5	11
269	Probing the magnetic superexchange couplings between terminal CuII ions in heterotrinuclear bis(oxamidato) type complexes. Beilstein Journal of Nanotechnology, 2017, 8, 789-800.	1.5	4
270	Energy-level alignment at interfaces between manganese phthalocyanine and C₆₀. Beilstein Journal of Nanotechnology, 2017, 8, 927-932.	1.5	5

#	Article	IF	Citations
271	Tuning the spin coherence time of Cu(II)â˜(bis)oxamato and Cu(II)â˜(bis)oxamidato complexes by advanced ESR pulse protocols. Beilstein Journal of Nanotechnology, 2017, 8, 943-955.	1.5	7
272	Nearest-neighbor Kitaev exchange blocked by charge order in electron-doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mo>â˜’</mml:mo><mml:msub><mml: Physical Review Materials, 2017, 1, .	3.9	28
273	Signal enhancement in cantilever magnetometry based on a co-resonantly coupled sensor. Beilstein Journal of Nanotechnology, 2016, 7, 1033-1043.	1.5	8
274	Pseudospin transport in the J _{eff} = 1/2 antiferromagnet Sr ₂ IrO ₄. Europhysics Letters, 2016, 114, 57007.	0.7	9
275	A Variable-Temperature Continuous-Flow Liquid-Helium Cryostat Inside a (Scanning) Transmission Electron Microscope. Microscopy and Microanalysis, 2016, 22, 776-777.	0.2	0
276	Electronic properties of the charge transfer material MnPc/F4TCNQ. Journal of Chemical Physics, 2016, 145, 114702.	1.2	11
277	Combined resistivity and Hall effect study on NaFe1â˜xRhxAs single crystals. Physical Review B, 2016, 94, .	1.1	4
278	Experimental investigation of the role of the triplet pairing in the superconducting spin-valve effect. Physics of the Solid State, 2016, 58, 2165-2176.	0.2	1
279	Nesting-driven multipolar order in CeB6 from photoemission tomography. Nature Communications, 2016, 7, 10876.	5.8	36
280	Nongeneric dispersion of excitons in the bulk of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>WSe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml Physical Review B, 2016, 94, .	1.1	11
281	Two distinct superconducting phases in LiFeAs. Scientific Reports, 2016, 6, 27926.	1.6	16
282	Spin-orbit coupling control of anisotropy, ground state and frustration in 5d2 Sr2MgOsO6. Scientific Reports, 2016, 6, 32462.	1.6	25
283	Effect of substrate material on the growth and field emission characteristics of large-area carbon nanotube forests. Journal of Applied Physics, 2016, 119, .	1.1	13
284	STM Study of Au(111) Surface-Grafted Paramagnetic Macrocyclic Complexes [Ni₂L(Hmba)]⁺ via Ambidentate Coligands. Langmuir, 2016, 32, 4464-4471.	1.6	9
285	Physical properties optimization of polycrystalline LiFeAs. Physica C: Superconductivity and Its Applications, 2016, 529, 8-20.	0.6	2
286	Enhanced Mobility of Spin-Helical Dirac Fermions in Disordered 3D Topological Insulators. Nano Letters, 2016, 16, 6733-6737.	4.5	23
287	Spin dynamics and magnetic interactions of Mn dopants in the topological insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn> Physical Review B, 2016, 94, .	1.1	24
288	Reversible Water-Induced Structural and Magnetic Transformations and Selective Water Adsorption Properties of Poly(manganese 1,1â€²-ferrocenediyl-bis(H-phosphinate)). Crystal Growth and Design, 2016, 16, 5084-5090.	1.4	34

#	Article	IF	Citations
289	Tuning the magnetocrystalline anisotropy inRCoPOby means ofRsubstitution: A ferromagnetic resonance study. Physical Review B, 2016, 94, .	1.1	1
290	Doping dependent plasmon dispersion in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>2</mml:mn><mml:mi>H</mml:mi><mml:mrow></mml:mrow></mml:mrow></mml:math> metal dichalcogenides. Physical Review B, 2016, 94, .	1.1	7
291	Control of coexisting magnetic phases by electric fields inNdFe3(BO3)4. Physical Review B, 2016, 94, .	1.1	6
292	Competing effects of Mn and Y doping on the low-energy excitations and phase diagram ofLa1â˜'yYyFe1â˜'xMnxAsO0.89F0.11iron-based superconductors. Physical Review B, 2016, 94, .	1.1	7
293	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>J</mml:mi><mml:mi>eff</mml:mi></mml:msub></mml:math>Description of the Honeycomb Mott Insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â˜'</mml:mtext><mml:msub><mml:mrow><mml:mi>RuCl</mml:mi>	2.9	83
294	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mtext>Ba</mml:mtext><mml:mn>2</mml:mn> A cubic double perovskite material with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mtext>Ir</mml:mtext><mml:mrow><mml:mn>5</mml:mn> Physical Review B, 2016, 93, .	1.1	90
295	Influence of hydrostatic pressure on the bulk magnetic properties ofEu2Ir2O7. Physical Review B, 2016, 93, .	1.1	14
296	Acoustic signatures of the phases and phase transitions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Yb</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:mrow></mml:math>. Physical Review B, 2016, 93, .	1.1	19
297	Physical Review B, 2016, 93, .	1.1	23
298	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">TaIrTe</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>: A ternary type-II Weyl semimetal. Physical Review B, 2016, 93, .	1.1	175
299	Unusual magnetotransport properties in a FeAs single crystal. Physical Review B, 2016, 93, .	1.1	4
300	Effect of impurity substitution on band structure and mass renormalization of the correlatedFeTe0.5Se0.5superconductor. Physical Review B, 2016, 93, .	1.1	5
301	Magnetic ordering in the ultrapure site-diluted spin chain materialsSrCu1â˜'xNixO2. Physical Review B, 2016, 93, .	1.1	7
302	Complex Field-Induced States in Linarite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>PbCuSO</mml:mi></mml:mrow><mml:mrow><mml:mn>4</mml:mn> stretchy="false">(</mml:mo><mml:mi>OH</mml:mi><mml:msub><mml:mrow><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 217 Td a Variety of High-Order Exotic Spin-Density Wave States. Physical Review Letters, 2016, 116, 047202.	2.9	135
303	Isolation of proximity-induced triplet pairing channel in a superconductor/ferromagnet spin valve. Physical Review B, 2016, 93, .	1.1	27
304	Effect of nematic ordering on electronic structure of FeSe. Scientific Reports, 2016, 6, 36834.	1.6	78
305	Stripe order of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:mn>1.64</mml:mn> in magnetic fields studied by resonant soft x-ray scattering. Physical Review B, 2016, 94, .	1.1	8
306	Noncollinear antiferromagnetism of coupled spins and pseudospins in the double perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="bold">La</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">CuIrO</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 94, .	1.1	33

#	Article	IF	Citations
307	Magnetotransport and de Haasâ€“van Alphen measurements in the type-II Weyl semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>TaIrTe</mml:mi><mml:mn>4</mml:mn></mml:msub><m Physical Review B, 2016, 94, .	1.1	50
308	Unusual Dirac Fermions on the Surface of a Noncentrosymmetric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math> -BiPd Superconductor. Physical Review Letters, 2016, 117, 177001.	2.9	21
309	Dilatometric study of the metamagnetic and ferromagnetic phases in the triple-layered <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>4</mml:mn></mml:mr mathvariant="normal">O</mml:mi><mml:mn>10</mml:mn></mml:msub></mml:mrow></mml:math> system. Physical Review B, 2016, 94, .	1.1	11
310	Weak-coupling superconductivity in a strongly correlated iron pnictide. Scientific Reports, 2016, 6, 18620.	1.6	12
311	Boosting the superconducting spin valve effect in a metallic superconductor/ferromagnet heterostructure. Nano Research, 2016, 9, 1005-1011.	5.8	22
312	Tuneable magnetic properties of carbon-shielded NiPt-nanoalloys. RSC Advances, 2016, 6, 52427-52433.	1.7	9
313	Spin Dynamics and Ground State of the Frustrated Diamond Lattice Magnet CoAl2O4 as seen by 27Al NMR. Applied Magnetic Resonance, 2016, 47, 727-735.	0.6	0
314	Fragmentation characteristics of undoped and nitrogen-doped multiwalled carbon nanotubes in aqueous dispersion in dependence on the ultrasonication parameters. Diamond and Related Materials, 2016, 66, 126-134.	1.8	30
315	Single crystal growth of spin-ladder compound La8Cu7O19 by the travelling-solvent floating zone method. Journal of Crystal Growth, 2016, 448, 21-28.	0.7	2
316	Tailored nanoparticles and wires of Sn, Ge and Pb inside carbon nanotubes. Carbon, 2016, 101, 352-360.	5.4	9
317	Direct observation of spinâ€“orbit coupling in iron-based superconductors. Nature Physics, 2016, 12, 311-317.	6.5	170
318	Cu^{II} bis(oxamato) end-grafted poly(amidoamine) dendrimers. Dalton Transactions, 2016, 45, 7960-7979.	1.6	10
319	Employing electro-mechanical analogies for co-resonantly coupled cantilever sensors. Journal of Sensors and Sensor Systems, 2016, 5, 245-259.	0.6	8
320	Methane as a Selectivity Booster in the Arcâ€Discharge Synthesis of Endohedral Fullerenes: Selective Synthesis of the Singleâ€Molecule Magnet Dy₂TiC@C₈₀ and Its Congener Dy₂TiC₂@C₈₀. Angewandte Chemie - International Edition, 2015, 54, 13411-13415.	7.2	74
321	Low-Noise<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>YBa</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn><m mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>7</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:mr for Performing Magnetization-Reversal Measurements on Magnetic N. Physical Review Applied, 2015, 3, .	1.5	54
322	Local magnetism and structural properties of Heusler<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Ni</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">MnGa</mml:mi></mml:math>alloys. Physical Review B, 2015, 91, .	1.1	20
323	Crystal growth and electronic phase diagram of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>4</mml:mn><mml:mi>d</mml:mi><mml:mtext>â^’</mml:mtext><mml:mi>x</mml:mi></mml:mrow></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Na</mml:mi><mml:mrow><mml:mn>1</mml:mn></mml:mr Physical Review B, 2015, 91, .	1.1	18
324	Superconducting spin-valve effect and triplet superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">Co</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mo>/</mml:mo><mml:mtext>Fe1</mml:mtext><mml:mo Physical Review B, 2015, 91, .	1.1	38

#	Article	IF	Citations
325	Investigation of the dispersion and the effective masses of excitons in bulk<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>2</mml:mn><mml:mi>H</mml:mi><mml:mo>â€“</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:math>transition electron energy-loss spectroscopy. Physical Review B, 2015, 91, .	1.1	26
326	Enhancement of low-frequency fluctuations and superconductivity breakdown in Mn-doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â€“</mml:mo><mml:mi>y</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi>FeAsO</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â€“</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review B, 2015, 92, .	1.1	11
327	Efficient gating of epitaxial boron nitride monolayers by substrate functionalization. Physical Review B, 2015, 92, .	1.1	16
328	Common effect of chemical and external pressures on the magnetic properties ofRCoPOÂ(R=La,Pr,Nd,Sm). II.. Physical Review B, 2015, 92, .	1.1	5
329	Imaging interfaces defined by abruptly varying internal magnetic fields by means of scanned nanoscale spin wave modes. Physical Review B, 2015, 92, .	1.1	7
330	Mutual Independence of Critical Temperature and Superfluid Density under Pressure in Optimally Electron-Doped SuperconductingLaFeAsO1â€™xFx. Physical Review Letters, 2015, 114, 247004.	2.9	19
331	Publisherâ€™s Note: Mutual Independence of Critical Temperature and Superfluid Density under Pressure in Optimally Electron-Doped Superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>LaFeAsO</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn><mml:mo>â€“</mml:mo><mml:mi mathvariant="normal">F</mml:mi></mml:mrow><mml:mrow><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math>[Phys. Rev. Lett. 114, 247004 (2015)]	2.9	0
332	Coexistence of superconductivity and magnetism in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ca</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â€“</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math>Universal suppression of the magnetic order parameter in 122 iron pnictides. Physical Review B, 2015, 92, .	1.1	23
333	Magnetic field induced anisotropy ofLa139spin-lattice relaxation rates in stripe orderedLa1.875Ba0.125CuO4. Physical Review B, 2015, 92, .	1.1	14
334	Universal electronic structure of polar oxide hetero-interfaces. Scientific Reports, 2015, 5, 14506.	1.6	18
335	High-temperature superconductivity from fine-tuning of Fermi-surface singularities in iron oxypnictides. Scientific Reports, 2015, 5, 18273.	1.6	29
336	Interaction-induced singular Fermi surface in a high-temperature oxypnictide superconductor. Scientific Reports, 2015, 5, 10392.	1.6	43
337	Spin dynamics in Na_{4â€™x}Ir₃O₈ (xâ€‰â€‰=â€‰â€‰0.3 and 0.7) investigated by ²³Na NMR and Î¼SR. Journal of Physics Condensed Matter, 2015, 27, 485603.	0.7	1
338	Non-Fermi-liquid scattering rates and anomalous band dispersion in ferropnictides. Physical Review B, 2015, 92, .	1.1	24
339	Application of a co-resonant sensor concept in cantilever magnetometry. , 2015, , .		2
340	Bidirectional scanning force microscopy probes with co-resonant sensitivity enhancement. , 2015, , .		4
341	Electronic depth profiles with atomic layer resolution from resonant soft x-ray reflectivity. New Journal of Physics, 2015, 17, 083046.	1.2	22
342	Magnetic and electrode properties, structure and phase relations of the layered triangular-lattice tellurate Li4NiTeO6. Journal of Solid State Chemistry, 2015, 225, 89-96.	1.4	24

#	Article	IF	Citations
343	A flexible multi-stimuli in situ (S)TEM: Concept, optical performance, and outlook. Ultramicroscopy, 2015, 151, 31-36.	0.8	9
344	Magnetic Anisotropy of Cr(III) Ions in Polymeric Oxalate Complexes as Revealed by HF-ESR Spectroscopy. Applied Magnetic Resonance, 2015, 46, 309-321.	0.6	11
345	Granular behavior observed in the polycrystalline superconducting LiFeAs. Superconductor Science and Technology, 2015, 28, 025006.	1.8	8
346	Graphene Oxide - Gelatin Nanohybrids as Functional Tools for Enhanced Carboplatin Activity in Neuroblastoma Cells. Pharmaceutical Research, 2015, 32, 2132-2143.	1.7	20
347	Surface Aligned Magnetic Moments and Hysteresis of an Endohedral Single-Molecule Magnet on a Metal. Physical Review Letters, 2015, 114, 087201.	2.9	62
348	Crucial Role of Site Disorder and Frustration in Unusual Magnetic Properties of Quasi-2D Triangular Lattice Antimonate Na4FeSbO6. Applied Magnetic Resonance, 2015, 46, 1121-1145.	0.6	11
349	Orbital Control of Effective Dimensionality: From Spin-Orbital Fractionalization to Confinement in the Anisotropic Ladder System<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CaCu</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2015, 114, 096402.	2.9	33
350	Orbital reconstruction in nonpolar tetravalent transition-metal oxide layers. Nature Communications, 2015, 6, 7306.	5.8	60
351	Orbital characters and electronic correlations in KCo₂Se₂. Journal of Physics Condensed Matter, 2015, 27, 295501.	0.7	7
352	Anisotropic Particle-Hole Excitations in Black Phosphorus. Physical Review Letters, 2015, 115, 026404.	2.9	75
353	Bidirectional quantitative force gradient microscopy. New Journal of Physics, 2015, 17, 013014.	1.2	17
354	Synthesis and magnetic properties of manganese carbonyl complexes with different coordination modes of 3,4,5-triaryl-1,2-diphospholide ligands. Dalton Transactions, 2015, 44, 10259-10266.	1.6	8
355	Ground state and low-energy magnetic dynamics in the frustrated magnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mtext>CoAl</mml:mtext><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> revealed by local spin probes. Physical Review B, 2015, 91, .	1.1	27
356	Flux growth and characterization of Sr2NiWO6 single crystals. Journal of Crystal Growth, 2015, 421, 39-44.	0.7	15
357	Orbital textures and charge density waves in transition metal dichalcogenides. Nature Physics, 2015, 11, 328-331.	6.5	217
358	Magnetic superexchange interactions: trinuclear bis(oxamidato) versus bis(oxamato) type complexes. Dalton Transactions, 2015, 44, 8062-8079.	1.6	17
359	Electronic structure of (Ca0.85La0.15)FeAs2. Applied Physics Letters, 2015, 106, .	1.5	14
360	Effect of external pressure on the magnetic properties of R CoAsO (R =La, Pr, Sm): a Î¼SR study. Journal of Physics and Chemistry of Solids, 2015, 84, 63-69.	1.9	1

#	Article	IF	Citations
361	Structural inhomogeneities in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0002.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi>FeTe</mml:mi></mml:mrow><mml:mrow><mml:mn>0.6</mml:mn></mml:mrow> Relation to superconductivity. Journal of Crystal Growth, 2015, 432, 95-104.	0.7	13
362	An electron energy-loss study of picene and chrysene based charge transfer salts. Journal of Chemical Physics, 2015, 142, 184702.	1.2	3
363	Spin reorientation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mrow><mml:mn>0.65</mml:mn> by single-crystal neutron diffraction. Physical Review B, 2015, 91, .	1.1	6
364	Nuclear magnetic resonance study of thin<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Co</mml:mi><mml:mn>2</mml:mn></mml: width="0.16em" /><mml:msub><mml:mi>Si</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub></mml:math>Heu Suppression of magnetic impurity induced local magnetism by the opening of a spin pseudogap in	1.1	8
365	Ni-doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">CuO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2015, 92, .	1.1	7
366	Introduction of a co-resonant detection concept for mechanical oscillation-based sensors. Nanotechnology, 2015, 26, 335501.	1.3	14
367	Band Bending Inversion in Bi₂Se₃ Nanostructures. Nano Letters, 2015, 15, 7503-7507.	4.5	33
368	Catalyst-free Growth of Single Crystalline Bi₂Se₃ Nanostructures for Quantum Transport Studies. Crystal Growth and Design, 2015, 15, 4272-4278.	1.4	17
369	Electron Spin Density on the N-Donor Atoms of Cu(II)â€“(Bis)oxamidato Complexes As Probed by a Pulse ELDOR Detected NMR. Journal of Physical Chemistry B, 2015, 119, 13762-13770.	1.2	12
370	Characterization of Doped Na(Fe1â^'x T x)As Single Crystals with T = Pd, Ni, Cr, and Mn. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1123-1127.	0.8	5
371	Isotropic multi-gap superconductivity in BaFe1.9Pt0.1As2from thermal transport and spectroscopic measurements. Superconductor Science and Technology, 2015, 28, 014004.	1.8	3
372	The superconducting spin valve and triplet superconductivity. Journal of Magnetism and Magnetic Materials, 2015, 373, 18-22.	1.0	10
373	Orbital-driven nematicity in FeSe. Nature Materials, 2015, 14, 210-214.	13.3	321
374	Design and properties of a cryogenic dip-stick scanning tunneling microscope with capacitive coarse approach control. Review of Scientific Instruments, 2014, 85, 013706.	0.6	8
375	Superconducting spin valve and triplet superconductivity. Bulletin of the Russian Academy of Sciences: Physics, 2014, 78, 1341-1347.	0.1	1
376	Magnetic and electronic structure of the frustrated spin-chain compound linarite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">PbCuSO</mml:mi></mml:mrow><mml:mn>4</mml:mn></mml:msub><mml:mo>(</mml:mo><mml:mi>OH</mml /><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 90, .	1.1	14
377	Observation of strontium segregation in LaAlO3/SrTiO3 and NdGaO3/SrTiO3 oxide heterostructures by X-ray photoemission spectroscopy. APL Materials, 2014, 2, 012108.	2.2	11
378	Spin susceptibility in superconducting LiFeAs studied by polarized neutron diffraction. Physical Review B, 2014, 89, .	1.1	5

#	Article	IF	Citations
379	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml cuprate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Sr</mml:mi><mml:mrow><mml:mn>1.9</mml:mn></mml:mrow></mml:msub></mml:math><mml:math	1.1	15
380	Magnetic order and spin dynamics in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">La</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">OSe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>probed by<mml:math	1.1	14
381	Superconducting specific-heat jump<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î”</mml:mi><mml:msub><mml:mi>C</mml:mi><mml:mi xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mtext>K</mml:mtext>. Physical Review B, 2014, 89, .	1.1	32
382	Fine structure of the incommensurate antiferromagnetic fluctuations in single-crystalline LiFeAs studied by inelastic neutron scattering. Physical Review B, 2014, 90, .	1.1	20
383	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mtext>â^'</mml:mtext><mml:mi>x</mml:mi></mml:m <mml:msub><mml:mi mathvariant="normal">Na</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi	1.1	13
384	Publisher's Note: Quantum spin chain as a potential realization of the Nersesyan-Tsvelik model [Phys. Rev. B90, 060409(R) (2014)]. Physical Review B, 2014, 90, .	1.1	0
385	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>d</mml:mi><mml:mrow><mml:mi>x</mml:mi><mml:m in hole-doped BaFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>As<mml:math	1.1	44
386	Surface properties ofSmB6from x-ray photoelectron spectroscopy. Physical Review B, 2014, 90, .	1.1	11
387	Spin density wave order and fluctuations inMn3Si: A transport study. Physical Review B, 2014, 90, .	1.1	10
388	Bond disorder and spinon heat transport in theS=12Heisenberg spin chain compound Sr2CuO3: From clean to dirty limits. Physical Review B, 2014, 89, .	1.1	15
389	Amorphous ferromagnetism and re-entrant magnetic glassiness in single-crystallineSm2Mo2O7. Physical Review B, 2014, 90, .	1.1	6
390	Preferential antiferromagnetic coupling of vacancies in graphene on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SiO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> Electron spin resonance and scanning tunneling spectroscopy. Physical Review B, 2014, 90, .	1.1	17
391	Signatures of superconducting and pseudogap phases in ultrafast transient reflectivity of Ca(Fe 0.927) Tj ETQq1 1 0.784314 rgBT /Ov	0.7	3
392	Effect of annealing on spinodally decomposed Co2CrAl grown via floating zone technique. Journal of Crystal Growth, 2014, 401, 617-621.	0.7	3
393	A cheap and quickly adaptable in situ electrical contacting TEM sample holder design. Ultramicroscopy, 2014, 139, 1-4.	0.8	2
394	Growth and FIB-SEM analyses of C60 microtubes vertically synthesized on porous alumina membranes. Journal of Crystal Growth, 2014, 388, 5-11.	0.7	5
395	Thin film growth of Fe-based superconductors: from fundamental properties to functional devices. A comparative review. Reports on Progress in Physics, 2014, 77, 046502.	8.1	74
396	Femtosecond Dynamics of Momentum-Dependent Magnetic Excitations from Resonant Inelastic X-Ray Scattering in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>CaCu</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml: mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml: Physical Review Letters, 2014, 112, 147401.	7.9	24

#	Article	IF	Citations
397	Unusual spin fluctuations and magnetic frustration in olivine and non-olivine LiCoPO4detected byP31andLi7nuclear magnetic resonance. Physical Review B, 2014, 89, .	1.1	10
398	Superconductivity from repulsion in LiFeAs: Novel<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>s</mml:mi></mml:math>-wave symmetry and potential time-reversal symmetry breaking. Physical Review B, 2014, 89, .	1.1	56
399	Low-energy magnetic excitations in the spin-orbital Mott insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:m Physical Review B, 2014, 89, .	1.1	49
400	Synthesis, structure and electrochemical properties of the organonickel complex [NiBr(Mes)(phen)] (MesÂ=Â2,4,6-trimethylphenyl, phenÂ=Â1,10-phenanthroline). Journal of Organometallic Chemistry, 2014, 750, 59-64.	0.8	31
401	Synthesis and toxicity characterization of carbon coated iron oxide nanoparticles with highly defined size distributions. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 160-169.	1.1	38
402	Liquid phase separation, solidification and phase transformations of Gdâ€“Ti and Gdâ€“Tiâ€“Alâ€“Cu alloys. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2014, 44, 21-25.	0.7	2
403	Observation of a universal donor-dependent vibrational mode in graphene. Nature Communications, 2014, 5, 3257.	5.8	114
404	X-ray photoemission study of CeTIn5(T= Co, Rh, Ir). Journal of Physics Condensed Matter, 2014, 26, 205601.	0.7	3
405	Crystal structure of phosphonium carboxylate complexes. The role of the metal coordination geometry, ligand conformation and hydrogen bonding. CrystEngComm, 2014, 16, 9010-9024.	1.3	18
406	Quantum spin chain as a potential realization of the Nersesyan-Tsvelik model. Physical Review B, 2014, 90, .	1.1	8
407	Growth of single crystalline delafossite LaCuO2 by the travelling-solvent floating zone method. Journal of Crystal Growth, 2014, 402, 304-307.	0.7	5
408	Cluster-size dependent internal dynamics and magnetic anisotropy of Ho ions in HoM₂N@C₈₀and Ho₂MN@C₈₀families (M = Sc, Lu, Y). Nanoscale, 2014, 6, 11431-11438.	2.8	25
409	Single 20 meV boson mode in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">KFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">As</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>detected by	1.1	5
410	Identical spin fluctuations in Cu- and Co-doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">BaFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">As</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>independent of electron doping. Physical Review B, 2014, 90, .	1.1	16
411	Structure and properties of Î±-NaFeO2-type ternary sodium iridates. Journal of Solid State Chemistry, 2014, 210, 195-205.	1.4	18
412	Experimental Realization of a Three-Dimensional Dirac Semimetal. Physical Review Letters, 2014, 113, 027603.	2.9	978
413	Phonon anomalies, orbital-ordering and electronic raman scattering in iron-pnictide Ca(Fe_{0.97}Co_{0.03})₂As₂: temperature-dependent Raman study. Journal of Physics Condensed Matter, 2014, 26, 305403.	0.7	10
414	Behavior of the magnetic subsystems in Nd2BaNiO5. Journal of Experimental and Theoretical Physics, 2014, 118, 611-620.	0.2	3

#	Article	IF	Citations
415	Crystal Growth, Structure, and Transport Properties of the Charge-Transfer Salt Picene/2,3,5,6-Tetrafluoro-7,7,8,8-tetracyanoquinodimethane. Crystal Growth and Design, 2014, 14, 1338-1346.	1.4	66
416	Specific heat of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Ca</mml:mi><mml:mn>0.32</mml:mn></mml:msub><m crystals: Unconventional<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>s</mml:mi><mml:mo>Â±</mml:mo></mml:msub></mml: superconductivity with i. Physical Review B, 2014, 89, .	1.1	24
417	The effect of process parameters on floating zone crystal growth of selected cuprates. Journal of Crystal Growth, 2014, 401, 596-600.	0.7	8
418	Lithium dynamics in carbon-rich polymer-derived SiCN ceramics probed by nuclear magnetic resonance. Journal of Power Sources, 2014, 253, 342-348.	4.0	23
419	Unusual band renormalization in the simplest iron-based superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>FeSe</mml:mtext><mml:mrow><mml:mn>1</mml:mn></mml: Physical Review B, 2014, 89, .	1.1	158
420	Electronic properties of Co2FeSi investigated by X-ray magnetic linear dichroism. Journal of Magnetism and Magnetic Materials, 2014, 368, 364-373.	1.0	4
421	Electron energy-loss spectroscopy: A versatile tool for the investigations of plasmonic excitations. Journal of Electron Spectroscopy and Related Phenomena, 2014, 195, 85-95.	0.8	65
422	A Dedicated In-situ Off-axis Electron Holography (S)TEM: Concept and Electron-Optical Performance.. Microscopy and Microanalysis, 2014, 20, 1650-1651.	0.2	0
423	Quasi One Dimensional Dirac Electrons on the Surface of Ru2Sn3. Scientific Reports, 2014, 4, 5168.	1.6	24
424	The Synthesis of Superparamagnetic Cobalt Nanoparticles Encapsulated in Carbon Through Highâ€pressure CVD. Chemical Vapor Deposition, 2013, 19, 228-234.	1.4	21
425	Pressure dependence of the charge-density-wave in 1<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>T</mml:mi></mml:math>-TaS<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>and its relation to superconductivity. Physical Review B, 2013, 87, .	1.1	49
426	Band-dependent emergence of heavy quasiparticles in CeCoIn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>5</mml:mn></mml:msub></mml:math>. Physical Review B, 2013, 88, .	1.1	30
427	Magnetically Active and Coated Gadolinium-Filled Carbon Nanotubes. Journal of Physical Chemistry C, 2013, 117, 16725-16733.	1.5	14
428	Half-Metallic Ferromagnetism with Unexpectedly Small Spin Splitting in the Heusler Compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Co</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>FeSi</mml:mi></mml:math>. Physical Review Letters, 2013, 110, 066601.	2.9	123
429	Anisotropic Eliashberg function and electron-phonon coupling in doped graphene. Physical Review B, 2013, 88, .	1.1	41
430	Highly biocompatible superparamagnetic Ni nanoparticles dispersed in submicron-sized C spheres. Carbon, 2013, 63, 358-366.	5.4	26
431	Peculiarities of performance of the spin valve for the superconducting current. JETP Letters, 2013, 97, 478-482.	0.4	18
432	Growth of all-carbon horizontally aligned single-walled carbon nanotubes nucleated from fullerene-based structures. Nanoscale Research Letters, 2013, 8, 265.	3.1	7

#	Article	IF	Citations
433	Chemisorption of Exchangeâ€Coupled [Ni₂L(dppba)]⁺ Complexes on Gold by Using Ambidentate 4â€(Diphenylphosphino)benzoate Coâ€Ligands. Chemistry - A European Journal, 2013, 19, 7787-7801.	1.7	6
434	Microwave absorption study of pinning regimes in Ba(Fe_{1â^'x}Co_x)₂As₂ single crystals. Superconductor Science and Technology, 2013, 26, 045015.	1.8	5
435	Disordered magnetism in superconducting KFe2As2single crystals. Physica Status Solidi (B): Basic Research, 2013, 250, 593-598.	0.7	13
436	Redox-Active Ferrocene as a Tuning Functionality for Magnetic Superexchange Interactions of Bis(oxamato) Type Complexes. Organometallics, 2013, 32, 5988-6003.	1.1	6
437	Photoemission and muon spin relaxation spectroscopy on the iron-based Rb<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.77</mml:mn></mml:mrow></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.61</mml:mn></mml:mrow></mml:msub></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow	1.1	20
438	Flux dynamics and avalanches in the 122 pnictide superconductor Ba_{0.65}Na_{0.35}Fe₂As₂. Journal of Physics Condensed Matter, 2013, 25, 495701.	0.7	24
439	Boosting the electron spin coherence in binuclear Mn complexes by multiple microwave pulses. Physical Review B, 2013, 88, .	1.1	21
440	Evidence for a vortexâ€“glass transition in superconducting Ba(Fe_{0.9}Co_{0.1})₂As₂. Journal of Physics Condensed Matter, 2013, 25, 505701.	0.7	16
441	Magnetic properties of the anisotropic frustrated spin-chain compound linarite PbCuSO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>(OH)<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2013, 88, .	1.1	40
442	Superconducting gap in LiFeAs from three-dimensional spin-fluctuation pairing calculations. Physical Review B, 2013, 88, .	1.1	51
443	Independent Ordering of Two Interpenetrating Magnetic Sublattices in the Double Perovskite Sr₂CoOsO₆. Journal of the American Chemical Society, 2013, 135, 18824-18830.	6.6	92
444	Local structure and hyperfine interactions of⁵⁷Fe in NaFeAs studied by MÃ¶ssbauer spectroscopy. Journal of Physics Condensed Matter, 2013, 25, 346003.	0.7	6
445	Diversity of Microstructural Phenomena in Superconducting and Non-superconducting Rb_xFe_{2â€“y}Se₂: A Transmission Electron Microscopy Study at the Atomic Scale. Inorganic Chemistry, 2013, 52, 14419-14427.	1.9	3
446	Evidence of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>d</mml:mi></mml:math>-wave superconductivity in K<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Na<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.or. Physical	1.1	37
447	Spatial recognition of defects and tube type in carbon nanotube field effect transistors using electrostatic force microscopy. Nanotechnology, 2013, 24, 235708.	1.3	2
448	Morphology controlled NH4V3O8 microcrystals by hydrothermal synthesis. Dalton Transactions, 2013, 42, 4897.	1.6	48
449	A high-mobility two-dimensional electron gas at the spinel/perovskite interface of Î³-Al2O3/SrTiO3. Nature Communications, 2013, 4, 1371.	5.8	285
450	Interband Quasiparticle Scattering in Superconducting LiFeAs Reconciles Photoemission and Tunneling Measurements. Physical Review Letters, 2013, 110, 017006.	2.9	14

#	Article	IF	Citations
451	Structural study of monolayer cobalt phthalocyanine adsorbed on graphite. Surface Science, 2013, 608, 55-60.	0.8	20
452	Ultrafast quasiparticle relaxation dynamics in superconducting iron pnictide Ca(Fe0.944Co0.056)2As2. Solid State Communications, 2013, 160, 8-12.	0.9	5
453	Magnetic properties of quasi-one-dimensional antiferromagnets (Y1âˆ'xNdx)2BaNiO5 (x=1, 0.15). Journal of Magnetism and Magnetic Materials, 2013, 331, 133-139.	1.0	20
454	The heat capacity and entropy of lithium silicides over the temperature range from (2 to 873)K. Journal of Chemical Thermodynamics, 2013, 64, 205-225.	1.0	31
455	Single crystal growth of antiferromagnetic Mn3Si by a two-phase RF floating-zone method. Journal of Crystal Growth, 2013, 363, 1-6.	0.7	5
456	Stacked topological insulator built from bismuth-based graphene sheet analogues. Nature Materials, 2013, 12, 422-425.	13.3	177
457	Direct view of the structure and momentum dependence of the superconducting gap in Ca<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Na<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>Fe<mml:math	1.1	34
458	Determining the Short-Range Spin Correlations in the Spin-Chain<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Li</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>CuO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> Ladder Compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CuGeO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> Using Resonant Inelastic X-Ray Scattering. Physical Review Letters, 2013, 110, 087403.	2.9	41
459	A new layered triangular antiferromagnet Li₄FeSbO₆: spin order, field-induced transitions and anomalous critical behavior. Dalton Transactions, 2013, 42, 1550-1566.	1.6	49
460	Anomalous superconducting state in LiFeAs implied by the⁷⁵As Knight shift measurement. Journal of Physics Condensed Matter, 2013, 25, 162204.	0.7	16
461	Exciton properties of selected aromatic hydrocarbon systems. European Physical Journal B, 2013, 86, 1.	0.6	16
462	Carbon nanostructures as multi-functional drug delivery platforms. Journal of Materials Chemistry B, 2013, 1, 401-428.	2.9	186
463	Quasiballistic Transport of Dirac Fermions in a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Se</mml:mi><mml:mn	2.9	71
464	Electronic Band Structure of Ferro-Pnictide Superconductors from ARPES Experiment. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2837-2841.	0.8	35
465	Facile Nanotube-Assisted Synthesis of Ternary Intermetallic Nanocrystals of the Ferromagnetic Heusler Phase Co₂FeGa. Crystal Growth and Design, 2013, 13, 2707-2710.	1.4	24
466	Kinetic Isotope Effect in the Hydrogenation and Deuteration of Graphene. Advanced Functional Materials, 2013, 23, 1628-1635.	7.8	38
467	Improved catalytic performance of hierarchical ZSM-5 synthesized by desilication with surfactants. Microporous and Mesoporous Materials, 2013, 165, 148-157.	2.2	105
468	7Li NMR study of the ordering phenomena in the intrinsic two-component magnetoelectric material Li2ZrCuO4. Physical Review B, 2013, 87, .	1.1	3

#	Article	IF	Citations
469	Phase Dynamics and Growth of Co₂Cr_{1â€“x}Fe_xAl Heusler Compounds: A Key to Understand Their Anomalous Physical Properties. Crystal Growth and Design, 2013, 13, 3925-3934.	1.4	8
470	Spin Pseudogap in Ni-Doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>SrCuO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2013, 111, 067204.	2.9	39
471	Confined Crystals of the Smallest Phase-Change Material. Nano Letters, 2013, 13, 4020-4027.	4.5	73
472	Gap-Dependent Quasiparticle Dynamics and Coherent Acoustic Phonons in CaFe2As2 across Spin Density Wave Phase Transition. Journal of the Physical Society of Japan, 2013, 82, 044715.	0.7	5
473	Low temperature ballistic spin transport in theS= 1/2 antiferromagnetic Heisenberg chain compound SrCuO2. Journal of Physics Condensed Matter, 2013, 25, 365601.	0.7	14
474	Nuclear magnetic resonance reveals structural evolution upon annealing in epitaxial Co2MnSi Heusler films. Applied Physics Letters, 2013, 102, .	1.5	14
475	A Systematic and Comparative Study of Binary Metal Catalysts for Carbon Nanotube Fabrication Using CVD and Laser Evaporation. Fullerenes Nanotubes and Carbon Nanostructures, 2013, 21, 273-285.	1.0	7
476	Why<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:math>of (CaFeAs)<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>10</mml:mn></mml:msub></mml:math>Pt<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>	1.1	33
477	Publisher's Note: Pressure dependence of the charge density wave in 1T-TaS2and its relation to superconductivity [Phys. Rev. B87, 125135 (2013)]. Physical Review B, 2013, 87, .	1.1	0
478	Electronic excitation spectrum of calcium-doped picene: Electron energy-loss spectroscopy study. Physical Review B, 2013, 88, .	1.1	0
479	Observation of charge accumulation and onsite Coulomb repulsion at transition metal impurities in the iron pnictides. Physical Review B, 2013, 87, .	1.1	7
480	Progressive slowing down of spin fluctuations in underdoped LaFeAsO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>F<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	1.1	33
481	Doping dependence of the plasmon dispersion in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>2</mml:mn><mml:mi>H</mml:mi></mml:mrow></mml:math>-TaSe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	1.1	16
482	Barium vanadium silicate BaVSi2O7: A<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>7</mml:mn></mml:msub></mml:math>: A<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow />	1.1	12
483	⁵⁵Mn NMR study of quaternary half-metallic ferromagnetic Co<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Mn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	1.1	11
484	Coupling of Li motion and structural distortions in olivine LiMnPO4from7Li and31P NMR. Physical Review B, 2013, 88, .	1.1	12
485	Epitaxial films of Heusler compound Co2FeAl0.5Si0.5with high crystalline quality grown by off-axis sputtering. Applied Physics Letters, 2013, 103, 162404.	1.5	34
486	Common effect of chemical and external pressures on the magnetic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

#	Article	IF	Citations
487	Retroâ€fitting an older (S)TEM with two C_s aberration correctors for 80 kV and 60 kV operation. Journal of Microscopy, 2013, 249, 87-92.	0.8	18
488	Structural transitions in a doped lanthanum cuprate. Physical Review B, 2013, 87, .	1.1	7
489	Intrinsic pinning and the critical current scaling of clean epitaxial Fe(Se,Te) thin films. Physical Review B, 2013, 87, .	1.1	51
490	Role of in-plane and out-of-plane dilution in CeFeAsO: Charge doping versus disorder. Physical Review B, 2013, 87, .	1.1	27
491	Challenging the nature of low-energy plasmon excitations in CaC 6 using electron energy-loss spectroscopy. Europhysics Letters, 2013, 102, 17001.	0.7	7
492	Effects of Re microalloying on glass formation and mechanical properties of Zrâ€“Cuâ€“Al alloys. Philosophical Magazine, 2013, 93, 847-857.	0.7	2
493	Phase separation at the magneticâ€“superconducting transition in La_{0.7}Y_{0.3}FeAsO_{1â^'x}F_x. Physica Status Solidi (B): Basic Research, 2013, 250, 599-602.	0.7	7
494	Surface and bulk electronic structure of the unconventional superconductor Sr₂RuO₄: unusual splitting of thel²band. New Journal of Physics, 2012, 14, 063039.	1.2	16
495	Plasmon evolution and charge-density wave suppression in potassium intercalated 2H-TaSe ₂. Europhysics Letters, 2012, 100, 27002.	0.7	22
496	Comprehensive studies of the electronic structure of pristine and potassium doped chrysene investigated by electron energy-loss spectroscopy. Journal of Chemical Physics, 2012, 137, 114508.	1.2	11
497	Magnetic force microscopy sensors providing in-plane and perpendicular sensitivity. Applied Physics Letters, 2012, 101, .	1.5	14
498	Local magnetic anisotropy in BaFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>: A polarized inelastic neutron scattering study. Physical Review B, 2012, 86, .	1.1	50
499	Electronic Confinement and Ordering Instabilities in Colossal Magnetoresistive Bilayer Manganites. Physical Review Letters, 2012, 108, 016403.	2.9	2
500	Weak-coupling superconductivity in electron-doped NaFe0.95Co0.05As revealed by ARPES. Physical Review B, 2012, 86, .	1.1	19
501	Defect assisted thermal synthesis of crystalline aluminum borate nanowires. Journal of Applied Physics, 2012, 112, .	1.1	3
502	Conventional superconductivity in SrPd<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Ge<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 85, .	1.1	12
503	Physical properties of the superconducting spin-valve Fe/Cu/Fe/In heterostructure. Physical Review B, 2012, 85, .	1.1	33
504	Pr magnetism and its interplay with the Fe spin-density wave in PrFeAsO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>F<mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow		

#	Article	IF	Citations
505	Weak ferrimagnetism and multiple magnetization reversal inÎ±-Cr3(PO4)2. Physical Review B, 2012, 85, .	1.1	8
506	Specific heat and upper critical fields in KFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>single crystals. Physical Review B, 2012, 85, .	1.1	80
507	Pseudogap in the chain states of YBa2Cu3O6.6. Physical Review B, 2012, 85, .	1.1	21
508	Electronic structure of undoped and potassium-doped coronene investigated by electron energy-loss spectroscopy. Physical Review B, 2012, 85, .	1.1	28
509	Anomalously enhanced photoemission from the Dirac point and other peculiarities in the self-energy of the surface-state quasiparticles in Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 85, .	1.1	8
510	Collapsed tetragonal phase in Ca(Fe1âˆ’xCox)2As2stabilized by pressure: Structural studies using single-crystal neutron diffraction. Physical Review B, 2012, 85, .	1.1	2
511	Angle-dependent, uniaxial-strain induced C2 symmetry-broken in-plane charge response in Ca<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.9</mml:mn></mml:mrow></mml:msub></mml:math>Na<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.1</mml:mn></mml:mrow></mml:msub></mml:math>CuO<mml:math xmlns:m	1.1	2
512	139La NMR investigation in underdoped La1.93Sr0.07CuO4. Physical Review B, 2012, 85, .	1.1	8
513	Publisherâ€™s Note: Specific heat and upper critical fields in KFe2As2single crystals [Phys. Rev. B85, 134533 (2012)]. Physical Review B, 2012, 85, .	1.1	3
514	Acoustic and optical phonon dynamics from femtosecond time-resolved optical spectroscopy of the superconducting iron pnictide Ca(Fe _{0.944} Co _{0.056}) ₂ As ₂. Europhysics Letters, 2012, 100, 57007.	0.7	13
515	Calorimetric study of the superconducting and normal state properties of Ca(Fe1âˆ’xCox)2As2. Journal of Physics: Conference Series, 2012, 391, 012120.	0.3	4
516	Incommensurate magnetic fluctuations and Fermi surface topology in LiFeAs. Physical Review B, 2012, 86, .	1.1	27
517	Understanding High-Yield Catalyst-Free Growth of Horizontally Aligned Single-Walled Carbon Nanotubes Nucleated by Activated C60 Species. ACS Nano, 2012, 6, 10825-10834.	7.3	24
518	Superparamagnetic FeCo and FeNi Nanocomposites Dispersed in Submicrometer-Sized C Spheres. Journal of Physical Chemistry C, 2012, 116, 22509-22517.	1.5	37
519	A Facile Route to Coat Iron Oxide Nanoparticles with Few-Layer Graphene. Journal of Physical Chemistry C, 2012, 116, 23749-23756.	1.5	25
520	Probing Local Hydrogen Impurities in Quasi-Free-Standing Graphene. ACS Nano, 2012, 6, 10590-10597.	7.3	24
521	Spinon heat transport and spinâ€“phonon interaction in the spin-1/2 Heisenberg chain cuprates Sr₂CuO₃and SrCuO₂. Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, P03006.	0.9	31
522	Magnetic properties and exchange integrals of the frustrated chain cuprate linarite PbCuSO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>(OH)<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 85, .	1.1	58

#	Article	IF	Citations
523	Magnetic Frustration in a Quantum Spin Chain: The Case of Linarite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>PbCuSO</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:mi>OH</mml:mi><mml:msub><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 732 Td (str	2.9	55
524	2012, 108, 117202. A Comparative Study of Various Supported Catalysts on the Growth of Aligned Carbon Nanotube Forests on Aluminum Foils. Chemical Vapor Deposition, 2012, 18, 326-335.	1.4	8
525	Synthesis of superparamagnetic nanoparticles dispersed in spherically shaped carbon nanoballs. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	14
526	Anatase Nanotubes as an Electrode Material for Lithium-Ion Batteries. Journal of Physical Chemistry C, 2012, 116, 8714-8720.	1.5	70
527	Slow Magnetic Relaxations in Manganese(III) Tetra(meta-fluorophenyl)porphyrin-tetracyanoethenide. Comparison with the Relative Single Chain Magnet ortho Compound. Inorganic Chemistry, 2012, 51, 9983-9994.	1.9	34
528	Lattice Expansion in Seamless Bilayer Graphene Constrictions at High Bias. Nano Letters, 2012, 12, 4455-4459.	4.5	32
529	Ground-state spin arrangement as possible ground state of three-dimensional Shastry-Sutherland network in Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>Cu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>In<mml:math xmlns:mml="http://www.w3.org/1998/Ma	1.1	16
530	Amorphous Carbon under 80 kV Electron Irradiation: A Means to Make or Break Graphene. Advanced Materials, 2012, 24, 5630-5635.	11.1	59
531	Investigation of LiFeAs by means of â€œbreak-junctionâ€•technique. JETP Letters, 2012, 95, 537-543.	0.4	13
532	Evidence for phase formation in potassium intercalated 1,2;8,9-dibenzopentacene. European Physical Journal B, 2012, 85, 1.	0.6	13
533	Persistence of singlet fluctuations in the coupled spin tetrahedra system Cu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Te<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow	1.1	10
534	Evidence of a critical hole concentration in underdoped YBa<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Cu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mml:	1.1	23
535	Monoclinic honeycomb-layered compound Li3Ni2SbO6: preparation, crystal structure and magnetic properties. Dalton Transactions, 2012, 41, 572-580.	1.6	68
536	Magnetic Frustration, Phase Competition, and the Magnetoelectric Effect in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>NdFe</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mi>BO</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mo) Tj ETQq	2.9	24
537	2012, 109, 267202. Graphene at High Bias: Cracking, Layer by Layer Sublimation, and Fusing. Nano Letters, 2012, 12, 1873-1878.	4.5	95
538	Programmable Sub-nanometer Sculpting of Graphene with Electron Beams. ACS Nano, 2012, 6, 10327-10334.	7.3	53
539	Thermodynamic studies on single-crystalline Gd<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>BaNiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow	1.1	8
540	ac susceptibility investigation of vortex dynamics in nearly optimally doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>R</mml:mi></mml:math>FeAsO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>F<mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mml:	1.1	26

#	Article	IF	Citations
541	An interplay between the spin density distribution and magnetic superexchange interactions: a case study of mononuclear [nBu4N]2[Cu(opooMe)] and novel asymmetric trinuclear [Cu3(opooMe)(pmdta)2](NO3)2Â·3MeCN. Dalton Transactions, 2012, 41, 14657.	1.6	16
542	Understanding the growth of amorphous SiO₂nanofibers and crystalline binary nanoparticles produced by laser ablation. Nanotechnology, 2012, 23, 035601.	1.3	6
543	CVDâ€Grown Horizontally Aligned Singleâ€Walled Carbon Nanotubes: Synthesis Routes and Growth Mechanisms. Small, 2012, 8, 1973-1992.	5.2	49
544	One-Sign Order Parameter in Iron Based Superconductor. Symmetry, 2012, 4, 251-264.	1.1	106
545	Probing the Unconventional Superconducting State of LiFeAs by Quasiparticle Interference. Physical Review Letters, 2012, 108, 127001.	2.9	62
546	75As NMR-NQR study in superconducting LiFeAs. European Physical Journal B, 2012, 85, 1.	0.6	28
547	Inelastic Neutron-Scattering Measurements of Incommensurate Magnetic Excitations on Superconducting LiFeAs Single Crystals. Physical Review Letters, 2012, 108, 117001.	2.9	67
548	Evidence for Triplet Superconductivity in a Superconductor-Ferromagnet Spin Valve. Physical Review Letters, 2012, 109, 057005.	2.9	163
549	Size and Shape Control of Colloidal Copper(I) Sulfide Nanorods. ACS Nano, 2012, 6, 5889-5896.	7.3	129
550	Hole doping in BaFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>: The case of Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mml:	1.1	42
551	The filling of carbon nanotubes with magnetoelectric Cr2O3. Carbon, 2012, 50, 1706-1709.	5.4	13
552	Transition metal loaded silicon carbide-derived carbons with enhanced catalytic properties. Carbon, 2012, 50, 1861-1870.	5.4	53
553	Elastic constants of single crystalline Î²-Ti70Nb30. Scripta Materialia, 2012, 66, 198-201.	2.6	47
554	Gd3+ electron spin resonance spectroscopy on LaO1 â^' x F x FeAs superconductors. Journal of Experimental and Theoretical Physics, 2012, 114, 662-670.	0.2	3
555	Resonant soft X-ray scattering studies of multiferroic YMn2O5. European Physical Journal: Special Topics, 2012, 208, 133-139.	1.2	4
556	On the merits of Raman spectroscopy and thermogravimetric analysis to asses carbon nanotube structural modifications. Applied Physics A: Materials Science and Processing, 2012, 106, 843-852.	1.1	30
557	Raman evidence for the superconducting gap and spinâ€“phonon coupling in the superconductor Ca(Fe_{0.95}Co_{0.05})₂As₂. Journal of Physics Condensed Matter, 2011, 23, 255403.	0.7	9
558	Structural Distortions in Few-Layer Graphene Creases. ACS Nano, 2011, 5, 9984-9991.	7.3	29

#	Article	IF	Citations
559	Single Crystal Growth of the CeCu₂Si₂ Intermetallic Compound by a Vertical Floating Zone Method. Crystal Growth and Design, 2011, 11, 431-435.	1.4	8
560	Electrochemical Behavior and Magnetic Properties of Vanadium Oxide Nanotubes. Journal of Physical Chemistry C, 2011, 115, 5265-5270.	1.5	19
561	Growth of Carbon Nanotubes Catalyzed by Defect-Rich Graphite Surfaces. Chemistry of Materials, 2011, 23, 1637-1639.	3.2	39
562	First Direct In Situ EPR Spectroelectrochemical Evidence of the Superoxide Anion Radical. Journal of Physical Chemistry B, 2011, 115, 12036-12039.	1.2	17
563	Atomic Structure of Interconnected Few-Layer Graphene Domains. ACS Nano, 2011, 5, 6610-6618.	7.3	77
564	Magnetic properties of the low-dimensional spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:math>magnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math>-Cu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	23
565	New Dinuclear Nickel(II) Complexes: Synthesis, Structure, Electrochemical, and Magnetic Properties. Inorganic Chemistry, 2011, 50, 4553-4558.	1.9	40
566	Feasibility of Magnetically Functionalised Carbon Nanotubes for Biological Applications: From Fundamental Properties of Individual Nanomagnets to Nanoscaled Heaters and Temperature Sensors. , 2011, , 97-124.		1
567	Carbon Nanotubes Filled with Carboplatin: Towards Carbon Nanotube-Supported Delivery of Chemotherapeutic Agents. Carbon Nanostructures, 2011, , 247-258.	0.1	4
568	Growth of Phase Pure Na[sub 0.75]CoO[sub 2] Single Crystals by Traveling Solvent Floating Zone (TSFZ) Method. , 2011, , .		0
569	Saturation Field of Frustrated Chain Cuprates: Broad Regions of Predominant Interchain Coupling. Physical Review Letters, 2011, 107, 097201.	2.9	36
570			

#	Article	IF	Citations
577	Generic Fe buffer layers for Fe-based superconductors: Epitaxial FeSe1â^'xTex thin films. Applied Physics Letters, 2011, 99, .	1.5	44
578	Effect of elements with positive enthalpy of mixing on mechanical properties of bulk metallic glasses. Journal of Alloys and Compounds, 2011, 509, S131-S135.	2.8	9
579	Antioxidant multi-walled carbon nanotubes by free radical grafting of gallic acid: new materials for biomedical applications. Journal of Pharmacy and Pharmacology, 2011, 63, 179-188.	1.2	71
580	Manifestation of New Interference Effects in a Superconductor-Ferromagnet Spin Valve. Physical Review Letters, 2011, 106, 067005.	2.9	71
581	Hydrogen-induced self-assembly of helical carbon nanostructures from ethanol over SiO2 catalysts. Journal of Applied Physics, 2011, 109, 094317.	1.1	4
582	Thermometry on the nanometre-scale for biomedical applications using NMR spectroscopy. International Journal of Biomedical Nanoscience and Nanotechnology, 2011, 2, 99.	0.1	1
583	Ceria/silicon carbide coreâ€“shell materials prepared by miniemulsion technique. Beilstein Journal of Nanotechnology, 2011, 2, 638-644.	1.5	7
584	Quantitative magnetic force microscopy on permalloy dots using an iron filled carbon nanotube probe. Ultramicroscopy, 2011, 111, 1360-1365.	0.8	8
585	Effect of rotation of feed and seed rods on the quality of Na0.75CoO2 single crystal grown by traveling solvent floating zone method. Materials Research Bulletin, 2011, 46, 675-681.	2.7	3
586	Synthesis, characterization and magnetic properties of hexagonal (VO)0.09V0.18Mo0.82O3Â·0.54H2O microrods. Materials Letters, 2011, 65, 579-582.	1.3	10
587	Optimizing substrate surface and catalyst conditions for high yield chemical vapor deposition grown epitaxially aligned single-walled carbon nanotubes. Carbon, 2011, 49, 5029-5037.	5.4	16
588	A New Family of 1D Exchange Biased Heterometal Single-Molecule Magnets: Observation of Pronounced Quantum Tunneling Steps in the Hysteresis Loops of Quasi-Linear {Mn₂Ni₃} Clusters. Journal of the American Chemical Society, 2011, 133, 3433-3443.	6.6	68
589	Synthesis, characterization, and photocatalytic properties of core/shell mesoporous silica nanospheres supporting nanocrystalline titania. Journal of Nanoparticle Research, 2011, 13, 5899-5908.	0.8	48
590	Van Hove singularity as a possible origin of the bandwidth renormalization in layered superconductors. Journal of Physics and Chemistry of Solids, 2011, 72, 562-564.	1.9	8
591	Single crystal growth of Eu2CuSi3 intermetallic compound by the floating-zone method. Journal of Crystal Growth, 2011, 318, 1009-1012.	0.7	9
592	Floating zone crystal growth of selected R2PdSi3 ternary silicides. Journal of Crystal Growth, 2011, 318, 942-946.	0.7	9
593	Synthesis of carbon nanotubes with and without catalyst particles. Nanoscale Research Letters, 2011, 6, 303.	3.1	81
594	Growth of catalystâ€assisted and catalystâ€free horizontally aligned single wall carbon nanotubes. Physica Status Solidi (B): Basic Research, 2011, 248, 2467-2470.	0.7	3

#	Article	IF	Citations
595	Electronic properties of hydrogenated quasiâ€freeâ€standing graphene. Physica Status Solidi (B): Basic Research, 2011, 248, 2639-2643.	0.7	17
596	CCVD Synthesis of Carbonâ€Encapsulated Cobalt Nanoparticles for Biomedical Applications. Advanced Functional Materials, 2011, 21, 3583-3588.	7.8	39
597	Currentâ€Induced Mass Transport in Filled Multiwalled Carbon Nanotubes. Advanced Materials, 2011, 23, 541-544.	11.1	23
598	Graphene: Piecing it Together. Advanced Materials, 2011, 23, 4471-4490.	11.1	127
599	Evidence for a New Twoâ€Dimensional C₄Hâ€Type Polymer Based on Hydrogenated Graphene. Advanced Materials, 2011, 23, 4497-4503.	11.1	90
600	Crystal growth of the intermetallic compound Nd₂PdSi₃. Crystal Research and Technology, 2011, 46, 135-139.	0.6	8
601	Challenges in the crystal growth of Li2CuO2 and LiMnPO4. Journal of Crystal Growth, 2011, 318, 995-999.	0.7	20
602	Magnetic field controlled single crystal growth and surface modification of titanium alloys exposed for biocompatibility. Journal of Crystal Growth, 2011, 318, 1048-1052.	0.7	7
603	Self-flux growth of large EuCu2Si2 single crystals. Journal of Crystal Growth, 2011, 318, 1043-1047.	0.7	6
604	Single crystal growth and physical properties of superconducting ferro-pnictides Ba(Fe, Co)2As2 grown using self-flux and Bridgman techniques. Journal of Crystal Growth, 2011, 314, 341-348.	0.7	27
605	Solidification and crystal growth of binary Tb5Si3 intermetallics. Journal of Crystal Growth, 2011, 321, 45-49.	0.7	4
606	On the potential of long carbon nanotube forest for sensing gases and vapors. Physica E: Low-Dimensional Systems and Nanostructures, 2011, 43, 1199-1207.	1.3	9
607	Robust determination of Young's modulus of individual carbon nanotubes by quasi-static interaction with Lorentz forces. Ultramicroscopy, 2011, 111, 155-158.	0.8	14
608	Fishtail effect and vortex dynamics in LiFeAs single crystals. Physical Review B, 2011, 83, .	1.1	69
609	Unusual Nernst effect and spin density wave precursors in superconducting LaFeAsO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:mrow /></mml:mrow></mml:math>	11.1	20
610	Observation of Electronic Ferroelectric Polarization in Multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>YMn</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">O</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2011, 107, 057201.	2.9	35
611	Angle-resolved photoemission spectroscopy of superconducting LiFeAs: Evidence for strong electron-phonon coupling. Physical Review B, 2011, 83, .	1.1	50
612	Suppressed superconductivity in charge-doped Li(Fe1â^’xCox)As single crystals. Physical Review B, 2011, 84, .	1.1	17

#	Article	IF	Citations
613	Effect of Co substitution on the magnetic order inCa(Fe1âˆ’xCox)2As2single crystals studied by neutron diffraction. Physical Review B, 2011, 83, .	1.1	11
614	Dynamic response and electronic structure of potassium-doped picene investigated by electron energy-loss spectroscopy. Physical Review B, 2011, 83, .	1.1	26
615	Photoemission-induced gating of topological insulators. Physical Review B, 2011, 83, .	1.1	34
616	In-gap electronic structure of LaAlO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>-SrTiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>heterointerfaces investigated by soft x-ray	1.1	40
617	Physical Review B, 2011, 84, .	1.1	21
618	Bond disorder and breakdown of ballistic heat transport in the spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:math>antiferromagnetic Heisenberg chain as seen in Ca-doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi mathvariant="bold">SrCuO</mml:mi><mml:mn mathvariant="bold">2</mml:mn></mml:msub></mml:math>. Physical Review B, 2011, 84, .	1.1	19
619	The catalytic potential of high-Î² dielectrics for graphene formation. Applied Physics Letters, 2011, 98, .	1.5	63
620	Pseudogap-like phase in Ca(Fe1âˆ’xCox)2As2revealed by75As NQR. Physical Review B, 2011, 84, .	1.1	19
621	Specific heat and angle-resolved photoemission spectroscopy study of the superconducting gaps in LiFeAs. Physical Review B, 2011, 83, .	1.1	41
622	Direct observation of a dispersionless impurity band in hydrogenated graphene. Physical Review B, 2011, 83, .	1.1	49
623	Signatures of electronic polarons in La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mn>1</mml:mn><mml:mo>âˆ’</mml:mo><mml:mi>x</mml:mi></mml:msub></mml:mrow></mml:math>Sr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	1.1	8
624	Phase diagram of charge order in La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mn>1</mml:mn><mml:mo>.</mml:mo><mml:mn>8</mml:mn></mml:msub></mml:mrow></mml:math>x<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mn>0</mml:mn><mml:mo>.</mml:mo><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>Sr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mn>1</mml:mn><mml:mo>âˆ’</mml:mo><mml:mi>x</mml:mi></mml:msub></mml:mrow></mml:math>MnO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>	1.1	101
625	Spin-glass behavior in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mn>0.65</mml:mn></mml:msub></mml:mrow></mml:math>Na<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>0.35</mml:mn></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	1.1	40
626	Exciton character in picene molecular solids. Physical Review B, 2011, 83, .	1.1	27
627	Effect of Charge Order on the Plasmon Dispersion in Transition-Metal Dichalcogenides. Physical Review Letters, 2011, 107, 176404.	2.9	50
628	Spin Gap in the Zigzag Spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>2</mml:mn></mml:math>Chain Cuprate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Sr</mml:mi><mml:mn>0.9</mml:mn></mml:msub><mml:msub><mml:mi>Ca</mml:mi> Physical Review Letters, 2011, 107, 017203.	2.9	30
629	Exploring the details of the martensiteâ€“austenite phase transition of the shape memory Heusler compound Mn2NiGa by hard x-ray photoelectron spectroscopy, magnetic and transport measurements.	1.5	35
630	High-field electron spin resonance spectroscopy study of GdFeAsO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mn>1</mml:mn><mml:mo>âˆ’</mml:mo><mml:mi>x</mml:mi></mml:msub></mml:mrow></mml:math>F<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:mrow	1.1	19

#	Article	IF	Citations
631	Room temperature magnetometry of an individual iron filled carbon nanotube acting as nanocantilever. Journal of Applied Physics, 2011, 110, .	1.1	17
632	On the carbo-thermal reduction of silica for carbon nano-fibre formation via CVD. Materials Research Society Symposia Proceedings, 2011, 1284, 25.	0.1	0
633	In-situ Observations of Restructuring Carbon Nanotubes via Low-voltage Aberration-corrected Transmission Electron Microscopy. Materials Research Society Symposia Proceedings, 2011, 1284, 101.	0.1	0
634	Low temperature CVD growth of graphene nano-flakes directly on high K dielectrics. Materials Research Society Symposia Proceedings, 2011, 1284, 19.	0.1	2
635	Resistively shunted YBa₂Cu₃O₇grain boundary junctions and low-noise SQUIDs patterned by a focused ion beam down to 80 nm linewidth. Superconductor Science and Technology, 2011, 24, 015015.	1.8	40
636	Synthesis of carbon-encapsulated iron nanoparticles by pyrolysis of iron citrate and poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	1.3	17
637	Propeller-Like Low Temperature Fermi Surface of Ba_{1-x}K_xFe₂As₂ from Magnetotransport and Photoemission Measurements. Journal of the Physical Society of Japan, 2011, 80, 023710.	0.7	17
638	Synthesis and Characterization of Two-leg Spin Ladder Compound Ca[sub 1â^'x]Co[sub x]Cu[sub 2]O[sub 3]. , 2011, , .		0
639	Frustrated magnet Li2ZrCuO4â€“ paramagnetism meets paraelectricity. Journal of Physics: Conference Series, 2010, 200, 012218.	0.3	0
640	Progress in the theoretical description of a strongly frustrated edge-shared model chain cuprate: Li₂CuO₂. Journal of Physics: Conference Series, 2010, 200, 012028.	0.3	2
641	Microwave absorption study of polycrystalline SmO_{1-x}F_xFeAs. Journal of Physics: Conference Series, 2010, 200, 012154.	0.3	1
642	Upper critical fields up to 60 T and the vortex matter phase diagram of arsenic-deficient LaO_{0.9}F_{0.1}FeAs_{1â^'Î´}. Journal of Physics: Conference Series, 2010, 234, 012013.	0.3	1
643	Charge order and low frequency spin dynamics in lanthanum cuprates revealed by Nuclear Magnetic Resonance. European Physical Journal: Special Topics, 2010, 188, 89-101.	1.2	14
644	Nernst effect of stripe ordering La1.8â^'xEu0.2SrxCuO4. European Physical Journal: Special Topics, 2010, 188, 103-112.	1.2	18
645	An ARPES view on the high-T c problem: Phonons vs. spin-fluctuations. European Physical Journal: Special Topics, 2010, 188, 153-162.	1.2	34
646	Investigating the Outskirts of Fe and Co Catalyst Particles in Alumina-Supported Catalytic CVD Carbon Nanotube Growth. ACS Nano, 2010, 4, 1146-1152.	7.3	48
647	Thermodynamic properties and neutron diffraction studies of silver ferrite AgFeO2. Journal of Physics Condensed Matter, 2010, 22, 016007.	0.7	22
648	Effect of addition of planetary milled Gd-211 on the microstructures and superconducting properties of air-processed single grain Gdâ€“Baâ€“Cuâ€“O/Ag bulk superconductors. Physica C: Superconductivity and Its Applications, 2010, 470, 1153-1157.	0.6	5

#	Article	IF	Citations
649	Enhanced Ï€-Ï€ interactions between a C60 fullerene and a buckle bend on a double-walled carbon nanotube. Nano Research, 2010, 3, 92-97.	5.8	16
650	High Field ESR Study of the New Low Dimensional S=1/2 System: Cu(NO3)2â‹…H2O. Journal of Low Temperature Physics, 2010, 159, 96-100.	0.6	1
651	High-Field ESR and Magnetization Study ofÂaÂNovel Macrocyclic Chelate Trinuclear Ni(II) Complex. Journal of Low Temperature Physics, 2010, 159, 84-87.	0.6	0
652	Upper Critical Field Measurements up to 60ÂT inÂArsenic-Deficient LaO0.9F0.1FeAs1âˆ’Î´ : Pauli Limiting Behavior at High Fields vs. Improved Superconductivity at Low Fields. Journal of Low Temperature Physics, 2010, 159, 164-167.	0.6	1
653	High Field ESR Spectroscopy on GdO1âˆ’x F x FeAs. Journal of Low Temperature Physics, 2010, 159, 172-175.	0.6	0
654	Convectional controlled crystalâ€“melt interface using two-phase radio-frequency electromagnetic heating. Journal of Materials Science, 2010, 45, 2228-2232.	1.7	4
655	Functionalization of carbon encapsulated iron nanoparticles. Journal of Nanoparticle Research, 2010, 12, 513-519.	0.8	29
656	Vanadium dioxide nanobelts: Hydrothermal synthesis and magnetic properties. Materials Research Bulletin, 2010, 45, 1118-1121.	2.7	18
657	Interplay of Magnetic Exchange Interactions and Nï£¿Sï£¿Ni Bond Angles in Polynuclear Nickel(II) Complexes. ChemPhysChem, 2010, 11, 1961-1970.	1.0	22
658	Dispersion and diameter separation of multi-wall carbon nanotubes in aqueous solutions. Journal of Colloid and Interface Science, 2010, 345, 138-142.	5.0	111
659	Crystal growth of the Pr2PdSi3 intermetallic compound. Journal of Crystal Growth, 2010, 312, 1992-1996.	0.7	13
660	Intersite Coulomb interactions in edge-shared CuO2 chains: Optics and EELS. Physica C: Superconductivity and Its Applications, 2010, 470, S84-S85.	0.6	3
661	Evidence for Pauli-limiting behaviour at high fields and enhanced upper critical fields near <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si15.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi>T</mml:mi></mml:mrow><mml:mrow><mml:mi>c</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math> in several disordered FeAs based superconductors. Physica C: Superconductivity and Its Applications, 2010, 470, S288-S290.	0.6	3
662	Insight into the physics of Fe-pnictides from optical and T= 0 penetration depth data. Physica C: Superconductivity and Its Applications, 2010, 470, S332-S333.	0.6	5
663	NMR study of the electronic properties of superconducting LaO0.9F0.1FeAs. Physica C: Superconductivity and Its Applications, 2010, 470, S468-S469.	0.6	1
664	Probing of the charge distribution in iron pnictides. Physica C: Superconductivity and Its Applications, 2010, 470, S454-S455.	0.6	3
665	Static susceptibility and heat capacity studies on V3O7Â·H2O7 nanobelts. Journal of Magnetism and Magnetic Materials, 2010, 322, 878-881.	1.0	10
666	Electrons in cuprates: A consistent ARPES view. Journal of Electron Spectroscopy and Related Phenomena, 2010, 181, 44-47.	0.8	5

#	Article	IF	Citations
667	In situ observations of solidification processes in Î³-TiAl alloys by synchrotron radiation. Acta Materialia, 2010, 58, 2408-2418.	3.8	30
668	Cisplatin-loaded carbon-encapsulated iron nanoparticles and their in vitro effects in magnetic fluid hyperthermia. Carbon, 2010, 48, 2327-2334.	5.4	39
669	The formation of stacked-cup carbon nanotubes using chemical vapor deposition from ethanol over silica. Carbon, 2010, 48, 3175-3181.	5.4	29
670	Tracking down the catalytic hydrogenation of multilayer graphene. Physica Status Solidi C: Current Topics in Solid State Physics, 2010, 7, 2731-2734.	0.8	3
671	Confinement of fractional quantum number particles in a condensed-matter system. Nature Physics, 2010, 6, 50-55.	6.5	119
672	Electronic properties of molecular solids: the peculiar case of solid picene. New Journal of Physics, 2010, 12, 103036.	1.2	46
673	Iron filled carbon nanotubes as novel monopole-like sensors for quantitative magnetic force microscopy. Nanotechnology, 2010, 21, 435501.	1.3	55
674	Full spin switch effect for the superconducting current in a superconductor/ferromagnet thin film heterostructure. Applied Physics Letters, 2010, 97, .	1.5	74
675	Single-wall-carbon-nanotube/single-carbon-chain molecular junctions. Physical Review B, 2010, 81, .	1.1	49
676	Publisher's Note: Single-wall-carbon-nanotube/single-carbon-chain molecular junctions [Phys. Rev. B81, 085439 (2010)]. Physical Review B, 2010, 81, .	1.1	0
677	Structural transformations of carbon chains inside nanotubes. Physical Review B, 2010, 81, .	1.1	15
678	Nanoscale Electronic Order in Iron Pnictides. Physical Review Letters, 2010, 104, 097001.	2.9	76
679	Absence of surface states for LiFeAs investigated using density functional calculations. Physical Review B, 2010, 82, .	1.1	39
680	An individual iron nanowire-filled carbon nanotube probed by micro-Hall magnetometry. Applied Physics Letters, 2010, 97, .	1.5	24
681	Magnetization reversal in an individual 25 nm iron-filled carbon nanotube. Applied Physics Letters, 2010, 96, 252505.	1.5	26
682	Magnetic force microscopy measurements in external magnetic fieldsâ€"comparison between coated probes and an iron filled carbon nanotube probe. Journal of Applied Physics, 2010, 108, .	1.1	16
683	Unusual disorder effects in superconductingLaFeAs1â^'Î´O0.9F0.1as revealed byA75sNMR spectroscopy. Physical Review B, 2010, 81, .	1.1	23
684	Anisotropic crystal field, Mott gap, and interband excitations in TiOCl: An electron energy-loss study. Physical Review B, 2010, 81, .	1.1	0

#	Article	IF	Citations
685	In situobservations of self-repairing single-walled carbon nanotubes. Physical Review B, 2010, 81, .	1.1	24
686	Observation of two-hole satellite in the resonant x-ray photoemission spectra of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Ba</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn> Physical Review B, 2010, 81, .	1.1	5
687	Observation of the Fermi surface, the band structure, and their diffraction replicas ofSr14â^'xCaxCu24O41by angle-resolved photoemission spectroscopy. Physical Review B, 2010, 81, .	1.1	9
688	Plasmons and interband transitions ofCa11Sr3Cu24O41investigated by electron energy-loss spectroscopy. Physical Review B, 2010, 82, .	1.1	7
689	Tuning superconductivity by carrier injection. Applied Physics Letters, 2010, 96, .	1.5	24
690	Pinning effects in ceramic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>SmO</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn> revealed by microwave absorption. Physical Review B, 2010, 81, .	1.1	18
691	Crystal and magnetic structure of the oxypnictide superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LaFeAsO</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn> A neutron-diffraction study. Physical Review B, 2010, 82, .	1.1	81
692	Bridging Charge-Orbital Ordering and Fermi Surface Instabilities in Half-Doped Single-Layered Manganite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mn>0.5</mml:mn></mml:msub><mml:msub><mml:mi>Sr</mml:mi><mml:m Physical Review Letters, 2010, 105, 147201.	2.9	14
693	Thermal expansion of RFeAsO (R=La,Ce,Pr,Sm,Gd). Journal of Physics: Conference Series, 2010, 200, 012088.	0.3	11
694	Monopolelike probes for quantitative magnetic force microscopy: Calibration and application. Applied Physics Letters, 2010, 97, .	1.5	29
695	Examining the stability of folded graphene edges against electron beam induced sputtering with atomic resolution. Nanotechnology, 2010, 21, 325702.	1.3	26
696	Magnetic properties of carbon nanotubes with and without catalyst. Journal of Physics: Conference Series, 2010, 200, 072061.	0.3	38
697	Graphene Synthesis on Cubic SiC/Si Wafers. Perspectives for Mass Production of Graphene-Based Electronic Devices. Nano Letters, 2010, 10, 992-995.	4.5	199
698	Magnetic and specific heat properties of YFe₃(BO₃)₄and ErFe₃(BO₃)₄. Journal of Physics Condensed Matter, 2010, 22, 116006.	0.7	15
699	Superconductivity without Nesting in LiFeAs. Physical Review Letters, 2010, 105, 067002.	2.9	280
700	Synthesis, characterization, and electrical properties of nitrogen-doped single-walled carbon nanotubes with different nitrogen content. Diamond and Related Materials, 2010, 19, 1199-1206.	1.8	74
701	Magnetodielectric and magnetoelastic coupling in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>TbFe</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub> Physical Review B, 2010, 82, .	1.1	55
702	Tunable Band Gap in Hydrogenated Quasi-Free-Standing Graphene. Nano Letters, 2010, 10, 3360-3366.	4.5	297

#	Article	IF	Citations
703	Binuclear 1,2-Diphosphacyclopentadienyl Manganese(I) Complexes: Synthesis, Structure and Magnetic Properties. Organometallics, 2010, 29, 1339-1342.	1.1	20
704	Realization of the Nersesyan-Tsvelik model in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow><mml:mtext>NO</mml:mtext></mml:mrow><mml:mo> Physical Review B, 2010, 82, .	1.1	23
705	Morphology, Structural Control, and Magnetic Properties of Carbon-Coated Nanoscaled NiRu Alloys. Journal of Physical Chemistry C, 2010, 114, 10745-10749.	1.5	32
706	Finite-size effects and magnetic order in the spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mstyle scriptlevel="1"><mml:mfrac bevelled="false"><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:mstyle></mml:mrow></mml:math>honeycomb-lat compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>InCu</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:r	1.1	29
707	Formation of magnetic polarons in lightly Ca doped LaCoO3. Journal of Physics: Conference Series, 2010, 200, 012080.	0.3	1
708	Ballistic heat transport of quantum spin excitations as seen in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>SrCuO</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:r Physical Review B, 2010, 81, .	1.1	120
709	Direct Low-Temperature Nanographene CVD Synthesis over a Dielectric Insulator. ACS Nano, 2010, 4, 4206-4210.	7.3	311
710	Liquid phase separation in Gdâ€“Ti and Gdâ€“Zr melts. Intermetallics, 2010, 18, 1941-1945.	1.8	12
711	Critical current and vortex dynamics in single crystals of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Ca</mml:mtext><mml:msub><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mr Physical Review B, 2010, 82, .	1.1	32
712	Nonresonant x-ray magnetic scattering on rare-earth iron borates<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>R</mml:mi><mml:msub><mml:mrow><mml:mtext>Fe</mml:mtext></mml:mrow><mml:mn>3< Physical Review B, 2010, 82, .	1.1	26
713	In situ observations of fullerene fusion and ejection in carbon nanotubes. Nanoscale, 2010, 2, 2077.	2.8	17
714	Heat conductivity of the spin-Peierls compounds TiOCl and TiOBr. Physical Review B, 2010, 81, .	1.1	3
715	Local antiferromagnetic correlations in the iron pnictide superconductors<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LaFeAsO</mml:mtext></mml:mrow><mml:mrow><mml:mn>1< xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Ca</mml:mtext><mml:msub><mml:mrow>, Physical Review B, 2010, 81, .	1.1	105
716	Carbon Nanotubes Filled with Ferromagnetic Materials. Materials, 2010, 3, 4387-4427.	1.3	114
717	Single Crystal Growth and Characterization of Superconducting LiFeAs. Crystal Growth and Design, 2010, 10, 4428-4432.	1.4	54
718	Spin resonance of electrons confined by SiGe nanostructures. Journal of Physics: Conference Series, 2010, 200, 062010.	0.3	0
719	Identifying spins states on self assembled Si/SiGe quantum dots by means of ESR. Journal of Physics: Conference Series, 2010, 245, 012026.	0.3	0
720	Conditions of Simultaneous Growth and Separation of Single- and Multiwalled Carbon Nanotubes. Journal of Physical Chemistry C, 2010, 114, 843-848.	1.5	16

#	Article	IF	Citations
721	Magnetic properties of Î±-Fe and Fe₃C nanowires. Journal of Physics: Conference Series, 2010, 200, 072062.	0.3	28
722	Delivery of carboplatin by carbon-based nanocontainers mediates increased cancer cell death. Nanotechnology, 2010, 21, 335101.	1.3	64
723	Atomic Resolution Imaging and Topography of Boron Nitride Sheets Produced by Chemical Exfoliation. ACS Nano, 2010, 4, 1299-1304.	7.3	337
724	Self-assembly of neutral hexanuclear circular copper(ii) meso-helicates: topological control by sulfate ions. Chemical Communications, 2010, 46, 2373.	2.2	44
725	Examining Co-Based Nanocrystals on Graphene Using Low-Voltage Aberration-Corrected Transmission Electron Microscopy. ACS Nano, 2010, 4, 470-476.	7.3	48
726	Stable magnetization of iron filled carbon nanotube MFM probes in external magnetic fields. Journal of Physics: Conference Series, 2010, 200, 112011.	0.3	10
727	Electron spin resonance study of Si/SiGe quantum dots. Physical Review B, 2010, 81, .	1.1	10
728	Magnetic anisotropy and ferromagnetic correlations above the Curie temperature in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Eu</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub> crystals. Physical Review B, 2010, 82, .	1.1	17
729	Unusual field dependence of remanent magnetization in granular CrO₂: the possible relevance of piezomagnetism. Journal of Physics Condensed Matter, 2010, 22, 096005.	0.7	13
730	Interface-driven magnetoelectric effects in granular CrO ₂. Europhysics Letters, 2010, 91, 17006.	0.7	8
731	Negative plasmon dispersion in the transition-metal dichalcogenide<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>2</mml:mn><mml:mi>H</mml:mi><mml:msub><mml:mrow><mml:mtext>-TaSe</mml:mtext></mml:mrow> Physical Review B, 2009, 79, .	1.1	30
732	Momentum dependence of the superconducting gap in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Ba</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn> Physical Review B, 2009, 79, .	1.1	196
733	Charge-transfer excitons in underdopedCa2â^'xNaxCuO2Cl2studied by electron energy-loss spectroscopy. Physical Review B, 2009, 79, .	1.1	8
734	Thermal expansion of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LaFeAsO</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:m Evidence for high-temperature fluctuations. Physical Review B, 2009, 80, .	1.1	27
735	Electronic structure and electron-phonon coupling of doped graphene layers in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>KC</mml:mtext></mml:mrow><mml:mn>8</mml:mn></mml:msub> Physical Review B, 2009, 79, .	1.1	81
736	Evolution of the Kondo State of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>YbRh</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Si</mml:mi><mml:mi><mml:n by High-Field ESR. Physical Review Letters, 2009, 102, 076405.	2.9	20
737	Two-Gap Superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ba</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi> mathvariant="bold">K</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:mn>2</mml:mn></mml:msub> A Complementary Study of the Magnetic Penetration Depth by Muon-Spin Rotation and Angle-Re. Electronic Structure and Nesting-Driven Enhancement of the RKKY Interaction at the Magnetic	2.2	105
738	Ordering Propagation Vector in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Gd</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>PdSi</mml:mi><mml:mi> xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Tb</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>PdSi</mml:mi><mml:mi> Physical Review Letters, 2009, 102, 046401.	2.9	38

#	Article	IF	Citations
739	One-Dimensional Confined Motion of Single Metal Atoms inside Double-Walled Carbon Nanotubes. Physical Review Letters, 2009, 102, 195504.	2.9	38
740	Charge ordering in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>La</mml:mtext></mml:mrow><mml:mrow><mml:mn> Physical Review B, 2009, 79, .	1.1	108
741	Theory of the electron spin resonance in heavy fermion systems with non-Fermi-liquid behavior. Physical Review B, 2009, 80, .	1.1	12
742	Nonmagnetic carbon nanotubes. Journal of Applied Physics, 2009, 105, 063906.	1.1	18
743	Carbon nanotubes terminated with hard magnetic FePt nanomagnets. Applied Physics Letters, 2009, 94, 193107.	1.5	26
744	Highly ordered, half-metallic Co2FeSi single crystals. Applied Physics Letters, 2009, 95, .	1.5	49
745	Capturing the Motion of Molecular Nanomaterials Encapsulated within Carbon Nanotubes with Ultrahigh Temporal Resolution. ACS Nano, 2009, 3, 3037-3044.	7.3	25
746	Evidence for Fermi surface reconstruction in the static stripe phase of La 1.8-x Eu 0.2 Sr x CuO 4 , x=1/8. Europhysics Letters, 2009, 86, 47005.	0.7	16
747	Orbital and spin effects for the upper critical field in As-deficient disordered Fe pnictide superconductors. New Journal of Physics, 2009, 11, 075007.	1.2	68
748	Absorption and photoemission spectroscopy of rare-earth oxypnictides. New Journal of Physics, 2009, 11, 025019.	1.2	9
749	Electronic properties of LaO1â^'xFxFeAs in the normal state probed by NMR/NQR. New Journal of Physics, 2009, 11, 035002.	1.2	31
750	Quantum electric dipole glass and frustrated magnetism near a critical point in Li ₂ ZrCuO ₄. Europhysics Letters, 2009, 88, 27001.	0.7	16
751	Momentum-resolved superconducting gap in the bulk of Ba_{1â^'x}K_xFe₂As₂from combined ARPES and Î¼SR measurements. New Journal of Physics, 2009, 11, 055069.	1.2	124
752	In situobservation of phase selection in undercooled Niâ€“Al melts. International Journal of Cast Metals Research, 2009, 22, 286-289.	0.5	4
753	The intrinsic electronic phase diagram of iron-oxypnictide superconductors. Europhysics Letters, 2009, 87, 17005.	0.7	108
754	Bulk synthesis of carbon nanocapsules and nanotubes containing magnetic nanoparticles via low energy laser pyrolysis of ferrocene. Materials Letters, 2009, 63, 1767-1770.	1.3	7
755	Data Envelopment Analysis of different climate policy scenarios. Ecological Economics, 2009, 68, 1340-1354.	2.9	26
756	1â€(Î±â€Aminobenzyl)â€2â€naphthol: A New Chiral Auxiliary for the Synthesis of Enantiopure Î±â€Aminophosphonic Acids. Chemistry - A European Journal, 2009, 15, 6718-6722.	1.7	36

#	Article	IF	Citations
757	Fermi surface of Ba1â^'xKxFe2As2 as probed by angle-resolved photoemission. Physica C: Superconductivity and Its Applications, 2009, 469, 448-451.	0.6	24
758	Tetranuclear complexes in molecular magnetism: Targeted synthesis, high-field EPR and pulsed-field magnetization. Coordination Chemistry Reviews, 2009, 253, 2261-2285.	9.5	39
759	Shedding light on the crystallographic etching of multi-layer graphene at the atomic scale. Nano Research, 2009, 2, 695-705.	5.8	72
760	Oxide catalysts for carbon nanotube and few layer graphene formation. Physica Status Solidi (B): Basic Research, 2009, 246, 2530-2533.	0.7	4
761	On the catalytic hydrogenation of graphite for graphene nanoribbon fabrication. Physica Status Solidi (B): Basic Research, 2009, 246, 2540-2544.	0.7	25
762	Carbon nanotube synthesis via ceramic catalysts. Physica Status Solidi (B): Basic Research, 2009, 246, 2486-2489.	0.7	7
763	(Ï€‚â€‰Ï€) electronic order in iron arsenide superconductors. Nature, 2009, 457, 569-572.	13.7	179
764	The electronic phase diagram of the LaO1â^'xFxFeAs superconductor. Nature Materials, 2009, 8, 305-309.	13.3	390
765	Vital clues from a basic compound. Nature Materials, 2009, 8, 615-616.	13.3	18
766	Structural transformations in graphene studied with high spatial and temporal resolution. Nature Nanotechnology, 2009, 4, 500-504.	15.6	203
767	Strength of the spin-fluctuation-mediated pairing interaction in a high-temperature superconductor. Nature Physics, 2009, 5, 217-221.	6.5	222
768	Long-range magnetic order in copper nitrate monohydrate Cu(NO3)2 Â· H2O. JETP Letters, 2009, 89, 88-91.	0.4	4
769	Observation of the â€œInverseâ€•spin valve effect in a Ni/V/Ni trilayer system. JETP Letters, 2009, 90, 59-63.	0.4	18
770	Determination of the real contact area for numerical simulation. Tribology International, 2009, 42, 897-901.	3.0	29
771	Synthesis and characterization of V3O7H2O nanobelts. Solid State Communications, 2009, 149, 814-817.	0.9	25
772	Single-crystal growth of LiMnPO4 by the floating-zone method. Journal of Crystal Growth, 2009, 311, 1273-1277.	0.7	33
773	Magnetic study of iron-containing carbon nanotubes: Feasibility for magnetic hyperthermia. Journal of Magnetism and Magnetic Materials, 2009, 321, 4067-4071.	1.0	58
774	Hydrogen activated axial inter-conversion in SiC nanowires. Journal of Solid State Chemistry, 2009, 182, 602-607.	1.4	12

#	Article	IF	Citations
775	Phase diagram features and solidification behaviour of CoCu2O3 at elevated oxygen pressure. Journal of Solid State Chemistry, 2009, 182, 2036-2040.	1.4	9
776	The synthesis of carbon coated Fe, Co and Ni nanoparticles and an examination of their magnetic properties. Carbon, 2009, 47, 2821-2828.	5.4	184
777	Boron doped carbon nanotubes via ceramic catalysts. Physica Status Solidi - Rapid Research Letters, 2009, 3, 193-195.	1.2	8
778	Surface of underdoped YBa2Cu3O7-Î´ as revealed by STM/STS. European Physical Journal B, 2009, 69, 483-489.	0.6	5
779	Synthesis and physical properties of LaO1-xFxFeAs. European Physical Journal B, 2009, 70, 461-468.	0.6	42
780	Metastable formation of decagonal quasicrystals during solidification of undercooled Al-Ni melts: In situ observations by synchrotron radiation. Europhysics Letters, 2009, 86, 36002.	0.7	21
781	Spin and Orbital Ground State of Co in Cobalt Phthalocyanine. Journal of Physical Chemistry A, 2009, 113, 8917-8922.	1.1	66
782	Electronic structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Pr</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>via ARPES and<mml:math xmlns:mml="http://www.w3.org/1998/Math/. Physical Review B, 2009, 80, .	1.1	22
783	Examining the Edges of Multi-Layer Graphene Sheets. Chemistry of Materials, 2009, 21, 2418-2421.	3.2	36
784	Origin of a spin-state polaron in lightly hole doped LaCoO3. Journal of Physics: Conference Series, 2009, 150, 042003.	0.3	6
785	Effect of melt convection on the secondary dendritic arm spacing in peritectic Ndâ€“Feâ€“B alloy. Journal of Alloys and Compounds, 2009, 480, 295-298.	2.8	26
786	Electronic structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CeCoIn</mml:mtext></mml:mrow><mml:mrow><mml:mn>5</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>angle-resolved photoemission spectroscopy. Physical Review B, 2009, 79, .	1.5	38
787	Investigating the Diameter-Dependent Stability of Single-Walled Carbon Nanotubes. ACS Nano, 2009, 3, 1557-1563.	7.3	82
788	Investigating the Graphitization Mechanism of SiO₂ Nanoparticles in Chemical Vapor Deposition. ACS Nano, 2009, 3, 4098-4104.	7.3	89
789	Unravelling the Mechanisms Behind Mixed Catalysts for the High Yield Production of Single-Walled Carbon Nanotubes. ACS Nano, 2009, 3, 3839-3844.	7.3	3
790	Andreev spectroscopy of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LaFeAsO</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.9</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>Physical Review B, 2009, 79, .	1.1	34
791	Two Energy Gaps and Fermi-Surface â€œArcsâ€•in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>NbSe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2009, 102, 166402.	2.9	177
792	Perpendicular magnetization of long iron carbide nanowires inside carbon nanotubes due to magnetocrystalline anisotropy. Journal of Applied Physics, 2009, 106, .	1.1	40

#	Article	IF	Citations
793	Growth Aspects of Iron-Filled Carbon Nanotubes Obtained by Catalytic Chemical Vapor Deposition of Ferrocene. Journal of Physical Chemistry C, 2009, 113, 2736-2740.	1.5	24
794	Highly dispersive spin excitations in the chain cuprate Li ₂ CuO ₂. Europhysics Letters, 2009, 88, 37002.	0.7	46
795	Direct Imaging of Rotational Stacking Faults in Few Layer Graphene. Nano Letters, 2009, 9, 102-106.	4.5	225
796	Temperature-dependent Fermi surface of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>2</mml:mn><mml:mi>H</mml:mi><mml:msub><mml:mrow><mml:mtext>-TaSe</mml:mtext> by competing density wave order fluctuations. Physical Review B, 2009, 79, .	1.1	27
797	Interaction of an extended series of N-substituted di(2-picolyl)amine derivatives with copper(II). Synthetic, structural, magnetic and solution studies. Dalton Transactions, 2009, , 4795.	1.6	45
798	Temperature and Doping-Dependent Renormalization Effects of the Low Energy Electronic Structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ba</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="bold">K</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:mn>2</mml:mn></mml:m Crystals. Physical Review Letters, 2009, 102, 167001.	7.9	20
799	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>R</mml:mi><mml:mtext>FeAsO</mml:mtext></mml:mrow></mml:math>(<mml:math) Tj ETQ	1.1	123
800	Angle-resolved photoemission study of the graphite intercalation compoundKC8: A key to graphene. Physical Review B, 2009, 80, .	1.1	69
801	High-field ESR study of the Kondo lattice system YbRh2Si2. Journal of Physics: Conference Series, 2009, 150, 042085.	0.3	0
802	Interplay between structure, transport and magnetism in the frustrated S = 1/2 system In2VO5. Journal of Physics: Conference Series, 2009, 150, 042084.	0.3	1
803	High-temperature ferromagnetism of Li-doped vanadium oxide nanotubes. Europhysics Letters, 2009, 88, 57002.	0.7	10
804	Phase selection in undercooled Ti-Al-Nb melts. Journal of Physics: Conference Series, 2009, 144, 012118.	0.3	3
805	Biocompatibility of Iron Filled Carbon Nanotubes <I>In Vitro</I>. Journal of Nanoscience and Nanotechnology, 2009, 9, 5709-5716.	0.9	20
806	Magnetic anisotropy of the spin-antiferromagnet GdNi₂B₂C probed by high-frequency ESR. Journal of Physics: Conference Series, 2009, 150, 042086.	0.3	3
807	Investigation of different parameters on roll bonding quality of aluminium and steel sheets. International Journal of Material Forming, 2008, 1, 1279-1282.	0.9	27
808	Investigation of friction in warm forging of AA6082. International Journal of Material Forming, 2008, 1, 1215-1218.	0.9	8
809	Tailoring the diameter, density and number of walls of carbon nanotubes through predefined catalyst particles. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 1382-1385.	0.8	16
810	Unifying catalyst size dependencies in floating catalyst and supported catalyst carbon nanotube synthesis. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 1386-1390.	0.8	1

#	Article	IF	Citations
811	On the graphitisation role of oxide supports in carbon nanotube CVD synthesis. Physica Status Solidi (B): Basic Research, 2008, 245, 1939-1942.	0.7	8
812	Lossâ€spectroscopy on sparse arrays of aligned singleâ€wall carbon nanotubes. Physica Status Solidi (B): Basic Research, 2008, 245, 2284-2287.	0.7	7
813	Comparative study on thermal and plasma enhanced CVD grown carbon nanotubes from gas phase prepared elemental and binary catalyst particles. Physica Status Solidi (B): Basic Research, 2008, 245, 1919-1922.	0.7	7
814	Crystal growth of rare earth-transition metal borocarbides and silicides. Journal of Crystal Growth, 2008, 310, 2268-2276.	0.7	39
815	Magnetic field controlled floating-zone crystal growth and properties of RuAl single crystal. Journal of Crystal Growth, 2008, 310, 4286-4289.	0.7	6
816	One-step catalyst-free generation of carbon nanospheres via laser-induced pyrolysis of anthracene. Journal of Solid State Chemistry, 2008, 181, 2796-2803.	1.4	27
817	Characterisation of different lubricants concerning the friction coefficient in forging of AA2618. Journal of Materials Processing Technology, 2008, 198, 41-47.	3.1	18
818	Cyclohexane triggers staged growth of pure and vertically aligned single wall carbon nanotubes. Chemical Physics Letters, 2008, 454, 332-336.	1.2	13
819	Magnetization and specific heat of DyFe3(BO3)4 single crystal. European Physical Journal B, 2008, 62, 123-128.	0.6	29
820	Carbon nanotubes filled with a chemotherapeutic agent: a nanocarrier mediates inhibition of tumor cell growth. Nanomedicine, 2008, 3, 175-182.	1.7	210
821	Linear Plasmon Dispersion in Single-Wall Carbon Nanotubes and the Collective Excitation Spectrum of Graphene. Physical Review Letters, 2008, 100, 196803.	2.9	211
822	Carbon nanotube based biomedical agents for heating, temperature sensoring and drug delivery. International Journal of Hyperthermia, 2008, 24, 496-505.	1.1	99
823	Valence states and metal-magnetic phase transition in partially<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi></mml:math>-site-disordered perovskite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">L</mml:mi></mml:mrow></mml:math>. Physical Review B, 2008, 78, .	1.1	79
824	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>As</mml:mi><mml:mprescripts /><mml:none /><mml:mn>75</mml:mn></mml:mmultiscripts></mml:math>NMR Studies of Superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>LaFeAs</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>0.9</mml:mn></mml:msub><mml:msub><mml:mi mathvaria	2.9	268
825	Upper critical field, penetration depth, and depinning frequency of the high-temperature superconductorLaFeAsO0.9F0.1studied by microwave surface impedance. Physical Review B, 2008, 78, .	1.1	17
826	Commensurate Spin Density Wave in LaFeAsO: A Local Probe Study. Physical Review Letters, 2008, 101, 077005.	2.9	267
827	Spin-State Polarons in Lightly-Hole-Doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>LaCoO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2008, 101, 247603.	2.9	76
828	Fermi surface nesting in several transition metal dichalcogenides. New Journal of Physics, 2008, 10, 125027.	1.2	91

#	Article	IF	Citations
829	Pseudogap and Charge Density Waves in Two Dimensions. Physical Review Letters, 2008, 100, 196402.	2.9	162
830	On the Formation of Single-Walled Carbon Nanotubes in Pulsed-Laser-Assisted Chemical Vapor Deposition. Chemistry of Materials, 2008, 20, 128-134.	3.2	4
831	Pseudogap-Driven Sign Reversal of the Hall Effect. Physical Review Letters, 2008, 100, 236402.	2.9	40
832	Fine tuning the charge transfer in carbon nanotubes via the interconversion of encapsulated molecules. Physical Review B, 2008, 77, .	1.1	79
833	Stepwise Current-Driven Release of Attogram Quantities of Copper Iodide Encapsulated in Carbon Nanotubes. Nano Letters, 2008, 8, 3120-3125.	4.5	56
834	High-Field Pauli-Limiting Behavior and Strongly Enhanced Upper Critical Magnetic Fields near the Transition Temperature of an Arsenic-Deficient<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>LaO</mml:mi><mml:mn>0.9</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">F</mml:mi><mml:mn>0.1</mml:mn></mml:msub><mml:msub><mml:mi>FeAs</mml:mi><mml:mrow><mml:mn>1	2.9	85
835	Physical Review Letters, 2008, 101, 237003. Exposing Multiple Roles of H₂O in High-Temperature Enhanced Carbon Nanotube Synthesis. Chemistry of Materials, 2008, 20, 6586-6588.	3.2	19
836	Iron-filled carbon nanotubes as probes for magnetic force microscopy. Journal of Applied Physics, 2008, 104, .	1.1	45
837	A carbon-wrapped nanoscaled thermometer for temperature control in biological environments. Nanomedicine, 2008, 3, 321-327.	1.7	47
838	Low temperature tunneling magnetoresistance on (La,Sr)MnO3â^•Co junctions with organic spacer layers. Journal of Applied Physics, 2008, 103, .	1.1	120
839	Structure and electronic properties of Li-doped vanadium oxide nanotubes. Journal of Chemical Physics, 2008, 128, 224701.	1.2	11
840	Hybridization effects in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Ce</mml:mi><mml:mi mathvariant="normal">Co</mml:mi><mml:msub><mml:mi mathvariant="normal">In</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math>observed by angle-resolved photoemission. Physical Review B, 2008, 77, .	1.1	40
841	Magnetic ordering and negative thermal expansion in PrFeAsO. Physical Review B, 2008, 78, .	1.1	94
842	Excitation energy map of high-energy dispersion anomalies in cuprates. Physical Review B, 2008, 77, .	1.1	30
843	Publisherâ€™s Note: High-Field Pauli-Limiting Behavior and Strongly Enhanced Upper Critical Magnetic Fields near the Transition Temperature of the Arsenic-DeficientLaO0.9F0.1FeAs1â^'Superconductor [Phys. Rev. Lett.101, 237003 (2008)]. Physical Review Letters, 2008, 101, .	2.9	2
844	Electron spin dynamics of the superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>CaC</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>pro by ESR. Physical Review B, 2008, 77, .	1.1	8
845	Incremental analysis of the magnetization behavior in iron-filled carbon nanotube arrays. Journal of Applied Physics, 2008, 103, 034302.	1.1	12
846	Quasi-one-dimensional hopping conductivity of the spin-ladder CaCu2O3 single crystals: Influence of the cation and oxygen nonstoichiometry. Journal of Applied Physics, 2008, 103, 123712.	1.1	3

#	Article	IF	Citations
847	Electronic structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LaFeAsO</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> x-ray absorption spectroscopy. Physical Review B, 2008, 78, .	1.1	60
848	Anomalous orbital dynamics inLaSrMnO4observed by Raman spectroscopy. Physical Review B, 2008, 77, .	1.1	20
849	Optical Study ofLaO0.9F0.1FeAs: Evidence for a Weakly Coupled Superconducting State. Physical Review Letters, 2008, 101, 257004.	2.9	22
850	Spin frustration and magnetic exchange in cobalt aluminum oxide spinels. Physical Review B, 2008, 77, .	1.1	54
851	Contrasting spin dynamics in Zn- and Ni-doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Nd</mml:mi><mml:msub><mml:mi mathvariant="normal">Ba</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Cu</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi	1.1	6
852	Valence-band and core-level photoemission spectroscopy of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LaFeAsO</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review B, 2008, 78, .	1.1	24
853	Field and Temperature Dependence of the Superfluid Density in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>LaFeAsO</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">F</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:math>Superconductors: A Muon Spin Relaxation Study. Physical Review Letters, 2008, 101, 097009.	2.9	165
854	Interplay between Kondo-like behavior and short-range antiferromagnetism inEuCu2Si2single crystals. Physical Review B, 2008, 78, .	1.1	15
855	Crossover in charge transport from one-dimensional copper-oxygen chains to two-dimensional ladders in(La,Y)y(Sr,Ca)14â^'yCu24O41. Physical Review B, 2008, 78, .	1.1	4
856	On the Electronic Structure of Electron Doped LaFeAsO1-xFx. Journal of the Physical Society of Japan, 2008, 77, 117-118.	0.7	0
857	High Field Level Crossing Studies on Spin Dimers in the Low Dimensional Quantum Spin System Na2T2(C2O2)3(H2O)2 with T = Ni, Co, Fe, Mn. NATO Science for Peace and Security Series B: Physics and Biophysics, 2008, , 97-124.	0.2	2
858	Selective growth of vertically aligned Fe-filled carbon nanotubes on oxidized silicon substrates. Journal of Physics: Conference Series, 2007, 61, 815-819.	0.3	2
859	Temperature Influence on the Morphology and the Magnetic Properties of Vertically Aligned Feâ€filled Carbon Nanotubes. Fullerenes Nanotubes and Carbon Nanostructures, 2007, 15, 89-97.	1.0	4
860	Relation between Growth Parameters and Morphology of Vertically Aligned Feâ€filled Carbon Nanotubes. Fullerenes Nanotubes and Carbon Nanostructures, 2007, 15, 135-143.	1.0	6
861	Helimagnetism and weak ferromagnetism in NaCu2O2and related frustrated chain cuprates. Journal of Physics Condensed Matter, 2007, 19, 145230.	0.7	18
862	Specific heat of clustered low dimensional magnetic systems. Journal of Physics Condensed Matter, 2007, 19, 446203.	0.7	2
863	Disentangling surface and bulk photoemission using circularly polarized light. Physical Review B, 2007, 76, .	1.1	37
864	Interplay between the valence phase transition and Kondo behavior in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Yb</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">La</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi mathvariant="normal">In</mml:mi><mml:msub><mml:mi mathvariant="normal">Cu</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>and<.	1.1	5

#	Article	IF	Citations
865	Relation between the one-particle spectral function and dynamic spin susceptibility of superconductingBi2Sr2CaCu2O8â˜Î´. Physical Review B, 2007, 75, .	1.1	30
866	Momentum and temperature dependence of renormalization effects in the high-temperature superconductorYBa2Cu3O7â˜Î´. Physical Review B, 2007, 76, .	1.1	52
867	One- and Two-Triplon Spectra of a Cuprate Ladder. Physical Review Letters, 2007, 98, 027403.	2.9	106
868	Publisherâ€™s Note: Anomalous Quasiparticle Renormalization inNa0.73CoO2: Role of Interorbital Interactions and Magnetic Correlations [Phys. Rev. Lett.99, 046403 (2007)]. Physical Review Letters, 2007, 99, .	2.9	1
869	Magnetization and specific heat ofTbFe3(BO3)4: Experiment and crystal-field calculations. Physical Review B, 2007, 75, .	1.1	69
870	Anomalous Quasiparticle Renormalization in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Na</mml:mi><mml:mn>0.73</mml:mn></mml:msub><mml:msub><mml:mi>CoO</mml:mi><m Role of Interorbital Interactions and Magnetic Correlations. Physical Review Letters, 2007, 99, 046403.	2.9	32
871	Symmetry disquisition on theTiOXphase diagram(X=Br,Cl). Physical Review B, 2007, 75, .	1.1	24
872	Linear Temperature Dependence of the Magnetic Heat Conductivity inCaCu2O3. Physical Review Letters, 2007, 98, 027201.	2.9	52
873	Momentum and Energy Dependence of the Anomalous High-Energy Dispersion in the Electronic Structure of High Temperature Superconductors. Physical Review Letters, 2007, 99, 237002.	2.9	91
874	Octahedral tilts and electronic correlations inLa7âˆ•8Sr1âˆ•8MnO3. Physical Review B, 2007, 75, .	1.1	1
875	Unraveling van Hove singularities in x-ray absorption response of single-wall carbon nanotubes. Physical Review B, 2007, 75, .	1.1	58
876	Purification-induced sidewall functionalization of magnetically pure single-walled carbon nanotubes. Nanotechnology, 2007, 18, 375601.	1.3	63
877	Dressing of the Charge Carriers in High-T c Superconductors. , 2007, , 295-325.		16
878	Revisiting and modeling the magnetism of hole-doped spin chains in. Journal of Magnetism and Magnetic Materials, 2007, 310, e397-e399.	1.0	0
879	Catalyst Volume to Surface Area Constraints for Nucleating Carbon Nanotubes. Journal of Physical Chemistry B, 2007, 111, 8234-8241.	1.2	59
880	Nanoengineered Catalyst Particles as a Key for Tailor-Made Carbon Nanotubes. Chemistry of Materials, 2007, 19, 5006-5009.	3.2	47
881	Tailoring N-Doped Single and Double Wall Carbon Nanotubes from a Nondiluted Carbon/Nitrogen Feedstock. Journal of Physical Chemistry C, 2007, 111, 2879-2884.	1.5	119
882	Rhenium-Catalyzed Growth Carbon Nanotubes. Journal of Physical Chemistry C, 2007, 111, 8414-8417.	1.5	59

#	Article	IF	Citations
883	Thermodynamic and optical properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Nd</mml:mi><mml:msub><mml:mi mathvariant="normal">Cr</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:mi>	1.1	23
884	Synthesis and crystal structure of the Sr2Al1.07Mn0.93O5brownmillerite. Journal of Materials Chemistry, 2007, 17, 692-698.	6.7	42
885	A spin-frustrated star-shaped heterotetranuclear CrIIIMnII3species and its magnetic and HF-EPR measurements. Dalton Transactions, 2007, , 481-487.	1.6	23
886	Isotope-Engineered Single-Wall Carbon Nanotubes; A Key Material for Magnetic Studies. Journal of Physical Chemistry C, 2007, 111, 4094-4098.	1.5	50
887	Insulator to semiconductor transition and magnetic properties of the one-dimensional<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mstyle scriptlevel="1"><mml:mfrac bevelled="false"><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:mstyle></mml:mrow></mml:math>system<mml:m	1.1	13
888	Frustrated Cuprate Route from Antiferromagnetic to Ferromagnetic Spin-12Heisenberg Chains:Li2ZrCuO4as a Missing Link near the Quantum Critical Point. Physical Review Letters, 2007, 98, 077202.	2.9	158
889	Synthesis and characteristics of Fe-filled multi-walled carbon nanotubes for biomedical application. Journal of Physics: Conference Series, 2007, 61, 820-824.	0.3	30
890	Influence of the Catalyst Hydrogen Pretreatment on the Growth of Vertically Aligned Nitrogen-Doped Carbon Nanotubes. Chemistry of Materials, 2007, 19, 6131-6137.	3.2	56
891	On the Graphitization Nature of Oxides for the Formation of Carbon Nanostructures. Chemistry of Materials, 2007, 19, 4105-4107.	3.2	121
892	Facile one-step-synthesis of carbon wrapped copper nanowires by thermal decomposition of Copper(II)â€“acetylacetonate. Surface and Coatings Technology, 2007, 201, 9184-9188.	2.2	29
893	Control of the single-wall carbon nanotube mean diameter in sulphur promoted aerosol-assisted chemical vapour deposition. Carbon, 2007, 45, 55-61.	5.4	45
894	Single-step synthesis of metal-coated well-aligned CNx nanotubes using an aerosol-technique. Carbon, 2007, 45, 2889-2896.	5.4	19
895	Metastable phase formation in Tiâ€“Alâ€“Nb undercooled melts. Acta Materialia, 2007, 55, 681-689.	3.8	49
896	An energy-dispersive VUV beamline for NEXAFS and other CFS/CIS studies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 575, 470-475.	0.7	14
897	Coupling of stripes to lattice distortions in cuprates and nickelates. Physica C: Superconductivity and Its Applications, 2007, 460-462, 170-173.	0.6	28
898	Magnetization of undoped 2-leg <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd"	0.6	0
899	xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x. Spectroscopic investigations on layered sodium cobaltates. Physica C: Superconductivity and Its Applications, 2007, 460-462, 487-488.	0.6	0
900	Thermal conductivity of underdoped YBa2Cu3Oy. Physica C: Superconductivity and Its Applications, 2007, 460-462, 746-747.	0.6	5

#	Article	IF	Citations
901	Effect of Zn and Ni impurities on the quasiparticle renormalization in Bi2Sr2CaCu2O8+Î´. Physica C: Superconductivity and Its Applications, 2007, 460-462, 882-883.	0.6	1
902	Observing the heavy fermions in CeCoIn5 by angle-resolved photoemission. Physica C: Superconductivity and Its Applications, 2007, 460-462, 666-667.	0.6	5
903	Anomalous surface overdoping as a clue to the puzzling electronic structure of YBCO-123. Physica C: Superconductivity and Its Applications, 2007, 460-462, 888-889.	0.6	4
904	About the relation between the quasiparticle Greenâ€™s function in cuprates obtained from ARPES data and the magnetic susceptibility. Physica C: Superconductivity and Its Applications, 2007, 460-462, 939-940.	0.6	1
905	Cu nuclear quadrupole resonance study of NdBa2(Cu,Zn,Ni)3O7â^'Î´. Physica C: Superconductivity and Its Applications, 2007, 460-462, 896-897.	0.6	0
906	The low-dimensional spin magnet CaCu2O3 probed by high-field ESR. Journal of Magnetism and Magnetic Materials, 2007, 310, 1251-1253.	1.0	1
907	High field specific heat study of antiferromagnetic dimers in. Journal of Magnetism and Magnetic Materials, 2007, 310, e403-e405.	1.0	3
908	Magnonâ€“hole scattering in. Journal of Magnetism and Magnetic Materials, 2007, 310, e412-e414.	1.0	2
909	Carbon nanotubes grown from individual gas phase prepared iron catalyst particles. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 1786-1790.	0.8	13
910	Anisotropy in the X-ray absorption of vertically aligned single wall carbon nanotubes. Physica Status Solidi (B): Basic Research, 2007, 244, 3978-3981.	0.7	7
911	A nanoscaled contactless thermometer for biological systems. Physica Status Solidi (B): Basic Research, 2007, 244, 4092-4096.	0.7	13
912	MoO3â^'Î´ nanorods: Synthesis, characterization and magnetic properties. Solid State Sciences, 2007, 9, 1028-1032.	1.5	88
913	Thermodynamic properties of NdFe3(BO3)4. Journal of Magnetism and Magnetic Materials, 2007, 316, e621-e623.	1.0	21
914	Helimagnetism and weak ferromagnetism in edge-shared chain cuprates. Journal of Magnetism and Magnetic Materials, 2007, 316, 306-312.	1.0	48
915	Long-range magnetic order in Li x Na1â^'x Cu2O2. Journal of Experimental and Theoretical Physics, 2007, 105, 18-20.	0.2	0
916	Magnetic and thermal properties of single-crystal NdFe3(BO3)4. Journal of Experimental and Theoretical Physics, 2007, 105, 105-107.	0.2	17
917	[SrF0.8(OH)0.2]2.526[Mn6O12]:Â Columnar Rock-Salt Fragments Inside the Todorokite-Type Tunnel Structure. Chemistry of Materials, 2007, 19, 1181-1189.	3.2	11
918	Oxide-Driven Carbon Nanotube Growth in Supported Catalyst CVD. Journal of the American Chemical Society, 2007, 129, 15772-15773.	6.6	91

#	Article	IF	Citations
919	Magnetic force microscopy sensors using iron-filled carbon nanotubes. Journal of Applied Physics, 2006, 99, 104905.	1.1	116
920	Kinks, Nodal Bilayer Splitting, and Interband Scattering inYBa2Cu3O6+x. Physical Review Letters, 2006, 96, 117004.	2.9	76
921	Effect of Zn and Ni Impurities on the Quasiparticle Renormalization of Superconducting Bi-2212. Physical Review Letters, 2006, 96, 037003.	2.9	24
922	Tuning the magnetic ground state of a tetranuclear nickel(II) molecular complex by high magnetic fields. Physical Review B, 2006, 73, .	1.1	61
923	Magnon heat conductivity and mean free paths in two-leg spin ladders: A model-independent determination. Physical Review B, 2006, 73, .	1.1	32
924	Filling factor and electronic structure ofDy3N@C80filled single-wall carbon nanotubes studied by photoemission spectroscopy. Physical Review B, 2006, 73, .	1.1	24
925	Thermal Decomposition of Ferrocene as a Method for Production of Single-Walled Carbon Nanotubes without Additional Carbon Sources. Journal of Physical Chemistry B, 2006, 110, 20973-20977.	1.2	96
926	Magnetism of a novel tetranuclear nickel(II) cluster in strong magnetic fields. Journal of Physics: Conference Series, 2006, 51, 351-354.	0.3	4
927	Electronic structure of LaSrMnO4: X-ray photoelectron spectroscopy and x-ray emission spectroscopy studies. Journal of Applied Physics, 2006, 99, 08Q308.	1.1	2
928	Current spinon-holon description of the one-dimensional charge-transfer insulatorSrCuO2: Angle-resolved photoemission measurements. Physical Review B, 2006, 73, .	1.1	14
929	X-ray absorption spectroscopy ofNaxCoO2layered cobaltates. Physical Review B, 2006, 74, .	1.1	29
930	Excited and ground state properties ofLaSrMnO4: A combined x-ray spectroscopic study. Physical Review B, 2006, 74, .	1.1	6
931	Growth studies, TEM and XRD investigations of iron-filled carbon nanotubes. Physica Status Solidi (A) Applications and Materials Science, 2006, 203, 1064-1068.	0.8	53
932	Diameter controlled growth of iron-filled carbon nanotubes. Physica Status Solidi (B): Basic Research, 2006, 243, 3091-3094.	0.7	12
933	Novel catalysts for low temperature synthesis of single wall carbon nanotubes. Physica Status Solidi (B): Basic Research, 2006, 243, 3101-3105.	0.7	20
934	Synthesis of single wall carbon nanotubes with defined13C content. Physica Status Solidi (B): Basic Research, 2006, 243, 3050-3053.	0.7	4
935	Charge distribution of potassium intercalated Dy3N@C80 observed with core-level and valence-band photoemission. Physica Status Solidi (B): Basic Research, 2006, 243, 3004-3007.	0.7	7
936	Growth of carbon nanotubes from wet chemistry and thin film multilayer catalysts. Physica Status Solidi (B): Basic Research, 2006, 243, 3054-3057.	0.7	7

#	Article	IF	Citations
937	A photoemission study of the metallic ground state of potassium-doped C60 peapods. Physica Status Solidi (B): Basic Research, 2006, 243, 3013-3016.	0.7	1
938	Iron filled carbon nanotubes grown on substrates with thin metal layers and their magnetic properties. Carbon, 2006, 44, 1746-1753.	5.4	62
939	Growth and characterization of filled carbon nanotubes with ferromagnetic properties. Carbon, 2006, 44, 2316-2322.	5.4	100
940	High quality double wall carbon nanotubes with a defined diameter distribution by chemical vapor deposition from alcohol. Carbon, 2006, 44, 3177-3182.	5.4	66
941	Eutectic limit for the growth of carbon nanotubes from a thin iron film by chemical vapor deposition of cyclohexane. Chemical Physics Letters, 2006, 425, 301-305.	1.2	24
942	Catalytic decomposition of n-heptane for the growth of high quality single wall carbon nanotubes. Chemical Physics Letters, 2006, 428, 416-420.	1.2	9
943	O1s and Mn2p NEXAFS on single-layered La1-xSr1+xMnO4: crystal field effect versus orbital coupling mechanism. European Physical Journal B, 2006, 51, 315-319.	0.6	14
944	On the effects of solution and reaction parameters for the aerosol-assisted CVD growth of long carbon nanotubes. Applied Physics A: Materials Science and Processing, 2006, 82, 719-725.	1.1	26
945	Anisotropic magnetic moments in. Physica B: Condensed Matter, 2006, 374-375, 83-86.	1.3	4
946	Life of the nodal quasiparticles in Bi-2212 as seen by ARPES. Journal of Physics and Chemistry of Solids, 2006, 67, 201-207.	1.9	4
947	Magnetic and transport properties of double distorted perovskites CaCuMn6O12 and CaCu2Mn5O12. Journal of Magnetism and Magnetic Materials, 2006, 300, e134-e136.	1.0	3
948	Synthesis, Properties, and Applications of Ferromagnetic-Filled Carbon Nanotubes. Chemical Vapor Deposition, 2006, 12, 380-387.	1.4	133
949	Synthesis of single wall carbon nanotubes with invariant diameters using a modified laser assisted chemical vapour deposition route. Nanotechnology, 2006, 17, 5469-5473.	1.3	10
950	High-field ESR studies of the quantum spin magnet CaCu2O3. New Journal of Physics, 2006, 8, 74-74.	1.2	10
951	Synthesis of Ferromagnetic Filled Carbon Nanotubes and their Biomedical Application. Advances in Science and Technology, 2006, 49, 74.	0.2	15
952	Nuclear-Magnetic-Resonance Evidence for Charge Inhomogeneity in Stripe OrderedLa1.8â^'xEu0.2SrxCuO4. Physical Review Letters, 2006, 96, 017002.	2.9	25
953	Constituents of the Quasiparticle Spectrum Along the Nodal Direction of High-TcCuprates. Physical Review Letters, 2006, 97, 017002.	2.9	89
954	Magnetism of hole-dopedCuO2spin chains inSr14Cu24O41: Experimental and numerical results. Physical Review B, 2006, 73, .	1.1	38

#	Article	IF	Citations
955	Unadulterated spectral function of low-energy quasiparticles inBi2Sr2CaCu2O8+Î´. Physical Review B, 2006, 74, .	1.1	13
956	Unidirectional diagonal order and three-dimensional stacking of charge stripes in orthorhombicPr1.67Sr0.33NiO4andNd1.67Sr0.33NiO4. Physical Review B, 2006, 74, .	1.1	31
957	Magnetic properties of vanadium oxide nanotubes probed by static magnetization andV51NMR. Physical Review B, 2006, 73, .	1.1	43
958	Antiferromagnetic dimers of Ni(II) in theS=1spin-ladderNa2Ni2(C2O4)3(H2O)2. Physical Review B, 2006, 73, .	1.1	23
959	Charge density waves inSr14â^'xCaxCu24O41: Electron correlations versus structural effects. Physical Review B, 2006, 73, .	1.1	8
960	Reevaluation of the coupling to a bosonic mode of the charge carriers in(Bi,Pb)2Sr2CaCu2O8+Î´at the antinodal point. Physical Review B, 2006, 74, .	1.1	21
961	Structural modulations inSr14Cu24O41and their relation to charge ordering. Physical Review B, 2006, 73, .	1.1	13
962	Stripe Correlations inNa0.75CoO2. Physical Review Letters, 2006, 97, 106403.	2.9	20
963	Parity of the Pairing Bosons in a High-TemperaturePbâ^'Bi2Sr2CaCu2O8Bilayer Superconductor by Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2006, 96, 067001.	2.9	26
964	Orbital degree of freedom in single-layeredLa1â^'xSr1+xMnO4: Doping- and temperature-dependent rearrangement of orbital states. Physical Review B, 2006, 74, .	1.1	15
965	Quenched charge disorder inCuO2spin chains: Experimental and numerical studies. Physical Review B, 2006, 73, .	1.1	12
966	Pressure-induced melting of the orbital polaron lattice inLa1â^'xSrxMnO3. Physical Review B, 2006, 73, .	1.1	10
967	Charge order and dimer formation in the Cu (S=1/2) spin chains of Sr13LaCu24O41. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 338-340.	1.0	2
968	Heat transport in doped <mml:math altimg="si13.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevi. Journal	1.0	18
969	Magnetism of low-doped spin chains in <mml:math altimg="si39.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevi. Journal	1.0	15
970	Ferromagnetic filled carbon nanotubes and nanoparticles: synthesis and lipid-mediated delivery into human tumor cells. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 276-278.	1.0	7
971	Phonon thermal conductivity in single layered manganites. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 937-939.	1.0	92
972		1.0	4

#	Article	IF	Citations
973	Correlated magnetism in low-doped manganites. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 940-943.	1.0	1
974	Temperature driven orbital redistribution in LaSrMnO. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 944-947.	1.0	6
975	Field dependence of colossal magnetoresistance in magnetic fields up to 50T. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 416-419.	1.0	13
976	2GHz 1H NMR in pulsed magnets. Solid State Nuclear Magnetic Resonance, 2005, 27, 206-208.	1.5	19
977	Tailoring carbon nanostructures via temperature and laser irradiation. Chemical Physics Letters, 2005, 407, 254-259.	1.2	36
978	Existence of orbital polarons in ferromagnetic insulatingLa1âˆ’xSrxMnO3(0.11â©½xâ©½0.14)revealed by giant phonon softening. Physical Review B, 2005, 71, .	1.1	26
979	Nature of low-temperature phase transitions in CaMn7O12. JETP Letters, 2005, 82, 444-446.	0.4	17
980	NMR in pulsed high magnetic fields at 1.3GHz. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 438-441.	1.0	18
981	Modeling the thermal part of pulse modulated photoacoustic effect on leaves. European Physical Journal Special Topics, 2005, 125, 697-699.	0.2	0
982	Reshaping of Peapods via Temperature and Laser Irradiation. AIP Conference Proceedings, 2005, , .	0.3	0
983	Metal Oxides and Low Temperature SWCNT Synthesis via Laser Evaporation. AIP Conference Proceedings, 2005, , .	0.3	0
984	Crystal and magnetic structure ofLa1âˆ’xSr1+xMnO4:â€ƒRole of the orbital degree of freedom. Physical Review B, 2005, 71, .	1.1	49
985	Weak ferromagnetic spin and charge stripe order inLa5âˆ•3Sr1âˆ•3NiO4. Physical Review B, 2005, 72, .	1.1	40
986	Electronic structure of the trimetal nitride fullereneDy3N@C80. Physical Review B, 2005, 72, .	1.1	31
987	Orbiton-mediated multiphonon scattering inLa1âˆ’xSrxMnO3. Physical Review B, 2005, 72, .	1.1	19
988	Magnetization of hole-dopedCuO2spin chains inSr14âˆ’xCaxCu24O41. Physical Review B, 2005, 72, .	1.1	13
989	Influence of theC60filling on the nature of the metallic ground state in intercalated peapods. Physical Review B, 2005, 72, .	1.1	20
990	Enhanced magnetism in Fe-filled carbon nanotubes produced by pyrolysis of ferrocene. Journal of Applied Physics, 2005, 98, 074315.	1.1	92

#	Article	IF	Citations
991	Optical study of orbital excitations in transition-metal oxides. New Journal of Physics, 2005, 7, 144-144.	1.2	54
992	Orbital Polaron Lattice Formation in Lightly DopedLa1âˆ'xSrxMnO3. Physical Review Letters, 2005, 95, 236401.	2.9	42
993	Structural, optical, and electronic properties of vanadium oxide nanotubes. Physical Review B, 2005, 72, .	1.1	34
994	Novel Catalysts, Room Temperature, and the Importance of Oxygen for the Synthesis of Single-Walled Carbon Nanotubes. Nano Letters, 2005, 5, 1209-1215.	4.5	120
995	Phase diagrams of (La,Y,Sr,Ca)₁₄Cu₂₄O₄₁: Switching between the ladders and the chains. European Physical Journal Special Topics, 2005, 131, 299-304.	0.2	3
996	Modeling photoacoustic pulse measurements of oxygen evolution and carbondioxid uptake in leaves during photosynthesis. European Physical Journal Special Topics, 2005, 125, 701-703.	0.2	0
997	Interplay between freezing and superconductivity in the optimally doped La 1.65 Eu 0.2 Sr 0.15 CuO 4 under hydrostatic pressure. Europhysics Letters, 2004, 66, 722-728.	0.7	7
998	Magnon-Hole Scattering and Charge Order inSr14âˆ'xCaxCu24O41. Physical Review Letters, 2004, 93, 027005.	2.9	49
999	Manifestation of the Magnetic Resonance Mode in the Nodal Quasiparticle Lifetime of the Superconducting Cuprates. Physical Review Letters, 2004, 92, 257006.	2.9	45
1000	Strong dependence of the interlayer coupling on the hole mobility in antiferromagneticLa2âˆ'xSrxCuO4(x<0.02). Physical Review B, 2004, 70, .	1.1	15
1001	Dzyaloshinsky-Moriya spin canting in the low-temperature tetragonal phase ofLa2âˆ'xâˆ'yEuySrxCuO4. Physical Review B, 2004, 70, .	1.1	28
1002	Thermal conductivity of doped $mathsf{La_2CuO_4}$ as an example for heat transport by optical phonons in complex materials. European Physical Journal B, 2004, 38, 37-41.	0.6	19
1003	The interplay of charge order and magnetism in Sr14Cu24O41 and Sr13LaCu24O41. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 918-919.	1.0	0
1004	Mixed valency of layered manganites from NMR. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 452-453.	1.0	0
1005	Phonon anomalies in lightly doped manganites La1âˆ'Sr MnO3 (x=0.09 and 0.11) near the CAF/FI phase boundary. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E305-E306.	1.0	0
1006	Orbital order induced ferromagnetic insulating properties. New Journal of Physics, 2004, 6, 152-152.	1.2	39
1007	Rearrangement of the orbital-ordered state at the metal-insulator transition ofLa7/8Sr1/8MnO3. Physical Review B, 2004, 69, .	1.1	45
1008	Growth of La1âˆ'xSr1+xMnO4 single crystals and characterization by scattering techniques. Journal of Crystal Growth, 2003, 249, 222-229.	0.7	47

#	Article	IF	Citations
1009	High-pressure Î¼SR studies on La1.65Eu0.20Sr0.15CuO4. Physica B: Condensed Matter, 2003, 326, 325-328.	1.3	2
1010	The interplay of charge order and magnetism in the one-dimensional quantum spin system Sr14Cu24O41. Physica B: Condensed Matter, 2003, 326, 440-445.	1.3	3
1011	Magnetism of La1â^'xSr1+xMnO4 as revealed by Î¼SR. Physica B: Condensed Matter, 2003, 326, 505-508.	1.3	13
1012	Evidence for Jahn-Teller Distortions at the Antiferromagnetic Transition inLaTiO3. Physical Review Letters, 2003, 91, 066403.	2.9	73
1013	Local structure ofLa1.65Eu0.2Sr0.15CuO4determined by63CuNMR spectroscopy and Van Vleck paramagnetism ofEu3+ions. Physical Review B, 2003, 67, .	1.1	17
1014	Phonon thermal conductivity in dopedLa2CuO4:Relevant scattering mechanisms. Physical Review B, 2003, 68, .	1.1	28
1015	Experimental evidence for a glass forming stripe liquid in the magnetic ground state ofLa1.65Eu0.2Sr0.15CuO4. Physical Review B, 2003, 68, .	1.1	21
1016	Magnon Heat Transport in DopedLa2CuO4. Physical Review Letters, 2003, 90, 197002.	2.9	89
1017	Magnetism and the charge order transition in lightly dopedLa1â^'xSrxMnO3. Physical Review B, 2002, 65, .	1.1	51
1018	Antiferromagnetic order of effective Zn moments inLa2â^'xSrxCuO4(x<~0.03). Physical Review B, 2002, 65, .	1.1	11
1019	Anisotropic CE-type orbital correlations in the ferromagnetic metallic phase ofNd1/2Sr1/2MnO3. Physical Review B, 2002, 66, .	1.1	34
1020	Rare Earth Spin Dynamics in the Nd-Doped High-Tc Superconductor La2â^'xSrxCuO4. , 2002, , 329-334.		0
1021	Strong spin-wave anomalies in La 1-x Sr x MnO 3 , x =0.125. Applied Physics A: Materials Science and Processing, 2002, 74, s1790-s1792.	1.1	0
1022	Optical spectroscopy of (La,Ca)14Cu24O41 spin ladders: comparison of experiment and theory. Physica B: Condensed Matter, 2002, 312-313, 617-618.	1.3	1
1023	Magnetic stripe order in La1.8â^'xEu0.2SrxCuO4. Physica B: Condensed Matter, 2002, 312-313, 71-73.	1.3	5
1024	Magnon hole scattering in (Sr,Ca,La)14Cu24O41. Physica B: Condensed Matter, 2002, 312-313, 612-613.	1.3	13
1025	ESR study of (Sr,La,Ca)14Cu24O41. Physica B: Condensed Matter, 2002, 312-313, 614-616.	1.3	1
1026	Magnetic excitations in two-leg spin 1/2 ladders: experiment and theory. Journal of Physics and Chemistry of Solids, 2002, 63, 2167-2173.	1.9	13

#	Article	IF	Citations
1027	Ising magnets with mobile defects. European Physical Journal B, 2002, 30, 83-92.	0.6	19
1028	Magnon heat transport in(Sr,Ca,La)14Cu24O41. Physical Review B, 2001, 64, .	1.1	195
1029	Stripe Order and Spin Dynamics in Nickelates. Hyperfine Interactions, 2001, 136/137, 711-715.	0.2	3
1030	Charge Carrier Dynamics in Zn-Doped Cuprates. Hyperfine Interactions, 2001, 133, 203-206.	0.2	1
1031	Thermal conductivity and thermal Hall effect in Bi- and Y-based high-T c superconductors. European Physical Journal B, 2001, 20, 189-208.	0.6	16
1032	Magnetic correlations in the spin chains of Sr2.5Ca11.5Cu24O41 studied by Î¼+SR. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 452-454.	1.0	0
1033	Interplay of spin and charge dynamics inSr14â^'xCaxCu24O41. Physical Review B, 2001, 64, .	1.1	45
1034	Magnetotransport studies and mechanism ofHo- andY-dopedLa0.7Ca0.3MnO3. Physical Review B, 2001, 63, .	1.1	42
1035	Evidence for canted antiferromagnetism in lightly doped La1-xSrxMnO3. Physical Review B, 2001, 64, .	1.1	27
1036	Observation of Two-Magnon Bound States in the Two-Leg Ladders of(Ca,La)14Cu24O41. Physical Review Letters, 2001, 87, 127002.	2.9	93
1037	Strong Anisotropy of Superexchange in the Copper-Oxygen Chains ofLa14â^'xCaxCu24O41. Physical Review Letters, 2001, 86, 2882-2885.	2.9	47
1038	Crystal growth of Na(V,Ti)2O5. Journal of Crystal Growth, 2000, 210, 646-650.	0.7	1
1039	Anisotropic antiferromagnetism in Ca9La5Cu24O41. Physica C: Superconductivity and Its Applications, 2000, 341-348, 471-472.	0.6	0
1040	The direct Cu NQR study of the stripe phase in the lanthanum cuprates. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1755-1758.	0.6	2
1041	Physics of grain boundaries in the colossal magnetoresistance manganites. Journal of Magnetism and Magnetic Materials, 2000, 211, 150-159.	1.0	178
1042	Inhomogeneous Low Frequency Spin Dynamics inLa1.65Eu0.2Sr0.15CuO4. Physical Review Letters, 2000, 85, 642-645.	2.9	126
1043	Voltage and temperature dependence of the grain boundary tunneling magnetoresistance in manganites. Europhysics Letters, 2000, 50, 681-687.	0.7	69
1044	Spin dynamics in the low-temperature tetragonal phase ofâ‰...18doped single crystalLa1.67Eu0.2Sr0.13CuO4. Physical Review B, 2000, 61, R9265-R9268.	1.1	35

#	Article	IF	Citations
1045	Thermodynamics of the low-temperature structural transition in rare-earth-dopedLa2âˆ'xSrxCuO4. Physical Review B, 2000, 62, 3704-3708.	1.1	6
1046	Cu NQR Study of the Stripe Phase Local Structure in the Lanthanum Cuprates. Physical Review Letters, 2000, 84, 2949-2952.	2.9	44
1047	Interplay between magnetism, charge localization, and structure inSr14âˆ'xCaxCu24O41. Physical Review B, 2000, 62, 8630-8633.	1.1	31
1048	Ising-like antiferromagnetism inCa9La5Cu24O41. Physical Review B, 2000, 62, R3592-R3595.	1.1	22
1049	From Antiferromagnetic Order to Static Magnetic Stripes: The Phase Diagram of(La,Eu)2âˆ'xSrxCuO4. Physical Review Letters, 2000, 85, 4590-4593.	2.9	115
1050	Strong enhancement of spin fluctuations in the low-temperature tetragonal phase of antiferromagnetically ordered La2-x-yEuySrxCuO4. Journal of Physics Condensed Matter, 1999, 11, 6571-6579.	0.7	4
1051	Characteristic microstructure in small Bi-2212 grains showing the Wohlleben effect as revealed by High-Resolution Electron Microscopy. Europhysics Letters, 1999, 45, 393-398.	0.7	10
1052	On the nature of grain boundaries in the colossal magnetoresistance manganites. Europhysics Letters, 1999, 47, 371-377.	0.7	116
1053	4f-spin dynamics inLa2âˆ'xâˆ'ySrxNdyCuO4. Physical Review B, 1999, 60, 9793-9800.	1.1	14
1054	Phonon thermal conductivity and stripe correlations inLa2âˆ'xSrxNiO4andSr1.5La0.5MnO4. Physical Review B, 1999, 59, R10397-R10400.	1.1	26
1055	Separation of Quasiparticle and Phononic Heat Currents inYBa2Cu3O7âˆ'Î´. Physical Review Letters, 1999, 82, 2175-2178.	2.9	37
1056	Interplay between Charge Order, Magnetism, and Structure inLa0.875Sr0.125MnO3. Physical Review Letters, 1999, 82, 185-188.	2.9	125
1057	Pressure dependence of the crystal structure ofCuGeO3to 6.2 GPa by neutron diffraction. Physical Review B, 1999, 60, 9616-9622.	1.1	12
1058	Mobility of holes and suppression of antiferromagnetic order inLa2âˆ'xSrxCuO4. Physical Review B, 1999, 59, R725-R728.	1.1	56
1059	Local magnetic and structural properties of the low-temperature orthorhombic to low-temperature tetragonal transition:â€ƒA139LaNQR study in lightly hole-dopedLa1.8âˆ'xEu0.2SrxCuO4. Physical Review B, 1999, 59, R3952-R3955.	1.1	19
1060	Spin-Peierls order parameter and antiferromagnetism in the dimerized and incommensurate phases of Zn-dopedCuGeO3. Physical Review B, 1999, 59, 6886-6907.	1.1	12
1061	Lattice dimerization in the spinâ€“Peierls compound CuGeO3. Physica B: Condensed Matter, 1999, 259-261, 956-957.	1.3	13
1062	Righiâ€“Leduc effect in Y- and Bi-based high-Tc superconductors. Physica C: Superconductivity and Its Applications, 1999, 317-318, 325-332.	0.6	3

#	Article	IF	Citations
1063	ESR Studies of Doped La2CuO4. Journal of Low Temperature Physics, 1999, 117, 383-387.	0.6	0
1064	Thermal Expansion of La1.85Sr0.15CuO4 in Magnetic Fields up to 14 Tesla. Journal of Low Temperature Physics, 1999, 117, 1453-1457.	0.6	0
1065	Phonon Thermal Conductivity of Stripe Ordering La2â€“x Sr x NiO4. Journal of Low Temperature Physics, 1999, 117, 1083-1087.	0.6	4
1066	Crystal growth and thermodynamic properties of (Ca, La)14Cu24O41. Journal of Low Temperature Physics, 1999, 117, 723-727.	0.6	1
1067	Hard X-Ray Diffraction Studies of La1â^'xSrxMnO3. Journal of Superconductivity and Novel Magnetism, 1999, 12, 317-318.	0.5	0
1068	The charge ordered phase in studied by means of high energy X-ray diffraction. European Physical Journal B, 1999, 8, 5-8.	0.6	23
1069	Frequency dependence of the photothermal signal on mesophyll cell sizes of leaves. , 1999, , .		0
1070	Temperature dependence of the non-linear behaviour of the photoacoustic signal at first order phase transitions. , 1999, , .		0
1071	Î¼+SR on La 2 â^' xâ^'yRExSryCuO4. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 545-546.	1.0	6
1072	Magnetic properties of the CuO2 planes in the low-temperature tetragonal phase of Eu-doped La 2 â^' xSrxCuO4. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 539-540.	1.0	0
1073	Magnetic order in La Eu Sr CuO studied [2pt] by Fe MÃ¶ssbauer spectroscopy. European Physical Journal B, 1998, 6, 313-315.	0.6	2
1074	Consequences of stripe order for the transport properties of rare earth doped La2â^'xSrxCuO4. Journal of Physics and Chemistry of Solids, 1998, 59, 1821-1824.	1.9	27
1075	X-ray absorption fine structure of rare earth doped (La,Sr)2CuO4. Physica C: Superconductivity and Its Applications, 1998, 299, 191-196.	0.6	10
1076	Grain size dependence of the Wohlleben effect in Bi-2212 high temperature superconductors. Physica C: Superconductivity and Its Applications, 1998, 299, 125-135.	0.6	9
1077	Magnetic ordering in single crystals of. Journal of Physics Condensed Matter, 1998, 10, L33-L39.	0.7	29
1078	Stripe correlations of spins and holes and phonon heat transport in doped La 2 CuO 4. Europhysics Letters, 1998, 44, 335-340.	0.7	33
1079	Reply to â€œComment on â€˜Tilting of theCuO6octahedra inLa1.83â^'xEu0.17SrxCuO4as seen by151EuMÃ¶ssbauer spectroscopyâ€™ â€• Physical Review B, 1998, 57, 8036-8037.	1.1	1
1080	Thermopower and anomalous heat transport inLa0.85Sr0.15MnO3. Physical Review B, 1998, 57, R5571-R5574.	1.1	39

#	Article	IF	Citations
1081	Incommensurate Phase ofCuGeO3: From Solitons to Sinusoidal Modulation. Physical Review Letters, 1998, 81, 148-151.	2.9	42
1082	Magnetic properties of Eu-dopedLa2â^'xSrxCuO4studied by ESR. Physical Review B, 1998, 58, R11876-R11879.	1.1	30
1083	Reexamination of the microscopic couplings of the quasi-one-dimensional antiferromagnetCuGeO3. Physical Review B, 1998, 57, 1102-1107.	1.1	86
1084	Revival of the spin-Peierls transition inCu1â^'xZnxGeO3under pressure. Physical Review B, 1998, 57, 7749-7754.	1.1	10
1085	Anharmonic structural behavior inCuGeO3. Physical Review B, 1998, 57, 11497-11503.	1.1	14
1086	Examples of the Application of Muon Spin Relaxation to Studies of Magnetism in Cuprates. Australian Journal of Physics, 1998, 51, 385.	0.6	2
1087	Acute effects of oxidized low density lipoprotein on metabolic responses in macrophages. FASEB Journal, 1998, 12, 111-118.	0.2	20
1088	Specific heat, thermal expansion, and pressure dependencies of the transition temperatures of dopedCuGeO3. Physical Review B, 1997, 56, R501-R504.	1.1	12
1089	Temperature and magnetic-field dependence of the lattice constant in the spin-Peierls cuprateCuGeO3sstudied by capacitance dilatometry in fields up to 16 T. Physical Review B, 1997, 55, 5914-5928.	1.1	26
1090	Slow antiferromagnetic dynamics in the low-temperature tetragonal phase ofLa2â^'xSrxCuO4as revealed by ESR of Gd spin probes. Physical Review B, 1997, 55, R3394-R3397.	1.1	26
1091	Magnetic order inLa1.85â^'xNdxSr0.15CuO4with 0.30â©½xâ©½0.60. Physical Review B, 1997, 55, R14761-R14764.	1.1	35
1092	Layer selective magnetometry in ultrathin magnetic structures by polarised neutron reflection. Journal of Magnetism and Magnetic Materials, 1997, 170, 46-51.	1.0	1
1093	Î¼+SR on (La_1.85-x Ndx) Sr0.15 CuO_4. , 1997, 105, 107-112.		8
1094	Magnetism of the LTT phase of Eu-doped La2-x Sr x CuO4. Journal of Superconductivity and Novel Magnetism, 1997, 10, 451-454.	0.5	7
1095	Enhanced 119Sn MÃ¶ssbauer quadrupole interactions below the magnetic phase transition of UPt2Sn. Physica B: Condensed Matter, 1997, 230-232, 95-97.	1.3	9
1096	Thermal expansion, specific heat, and uniaxial pressure dependences of Tc in Bi2Sr2CaCu2O8+Î´. Physica C: Superconductivity and Its Applications, 1996, 262, 177-186.	0.6	14
1097	Magnetostriction of the spin-Peierls cuprate CuGeO3. Zeitschrift FÃ¼r Physik B-Condensed Matter, 1996, 102, 71-82.	1.1	4
1098	The localized holes properties in LTO and LTT phases of lanthanum-stronthium cuprates. Journal of Low Temperature Physics, 1996, 105, 407-412.	0.6	2

#	Article	IF	Citations
1099	Spin dynamics in the LTT phase of La-Sr cuprates as revealed by ESR. Journal of Low Temperature Physics, 1996, 105, 449-454.	0.6	2
1100	Transport properties of rare earth doped La2?xSrxCuO4. Journal of Low Temperature Physics, 1996, 105, 921-926.	0.6	4
1101	Thermal properties at the low-temperature structural and magnetic phase transitions inPr2NiO4crystals. Physical Review B, 1996, 54, 9970-9976.	1.1	3
1102	Tilting of the CuO6octahedra inLa1.83â^'xEu0.17SrxCuO4as seen byEu151MÃ¶ssbauer spectroscopy. Physical Review B, 1996, 54, R800-R803.	1.1	15
1103	Magnetic Frustration Induced Formation of the Spin-Peierls Phase in CuGeO3: Experimental Evidence. Physical Review Letters, 1996, 77, 1624-1627.	2.9	35
1104	Thermodynamic properties of the incommensurate phase of CuGeO3. Physical Review B, 1996, 54, R15610-R15613.	1.1	10
1105	Wohlleben effect in small grains of Bi-based high-temperature superconductors: evidence for intrinsic nature of spontaneous currents. Europhysics Letters, 1996, 35, 541-546.	0.7	13
1106	The anomalous valence state of Eu and magnetic order in. Journal of Physics Condensed Matter, 1996, 8, 4055-4062.	0.7	20
1107	X-ray and neutron diffraction studies of UPdSn. Journal of Magnetism and Magnetic Materials, 1995, 151, 102-110.	1.0	11
1108	Giant anomalies of the thermal expansion at the spin-Peierls transition inCuGeO3. Physical Review B, 1995, 51, 12884-12887.	1.1	73
1109	Disappearance of superconductivity in overdopedLa1.15â^'xPr0.85SrxCuO4and the orthorhombic-tetragonal phase boundary. Physical Review B, 1994, 49, 9248-9251.	1.1	12
1110	Critical Buckling for the Disappearance of Superconductivity in Rare-Earth-DopedLa2â^'xSrxCuO4. Physical Review Letters, 1994, 73, 1841-1844.	2.9	224
1111	Superconducting/non-superconducting phase boundary in the low temperature tetragonal phase of (La,RE)-Sr-Cu-O. Journal of Low Temperature Physics, 1994, 95, 285-291.	0.6	21
1112	Structure and superconductivity of rare earth doped La2-xSrxCuO4. Physica C: Superconductivity and Its Applications, 1994, 235-240, 281-284.	0.6	8
1113	Structure and superconductivity in La1.15-xPr0.85SrxCuO4. Physica C: Superconductivity and Its Applications, 1994, 235-240, 345-346.	0.6	4
1114	Structural phase transitions in La2â^'xâ^'yREySrxCuO4. Physica C: Superconductivity and Its Applications, 1994, 235-240, 855-856.	0.6	5
1115	Buckling of the CuO2 planes and the electronic properties of doped La2CuO4 superconductors. Physica C: Superconductivity and Its Applications, 1994, 235-240, 1227-1228.	0.6	3
1116	Thermopower of rare earth doped La2â^'xSrxCuO4. Physica C: Superconductivity and Its Applications, 1994, 235-240, 1319-1320.	0.6	3

#	Article	IF	Citations
1117	Specific heat of Bi2Sr2CaCu2O8+x in magnetic fields up to 16 Tesla. Physica C: Superconductivity and Its Applications, 1994, 235-240, 1765-1766.	0.6	4
1118	Thermal expansion of a La1.87Sr0.13CuO4 single crystal at Tc in high magnetic fields. Physica C: Superconductivity and Its Applications, 1994, 235-240, 1931-1932.	0.6	1
1119	Preparation and characterization of RE doped La2-xSrxCuO4. Physica C: Superconductivity and Its Applications, 1993, 208, 217-225.	0.6	35
1120	57Fe and119Sn Mï¿½ssbauer studies on La1.25Nd0.6Sr0.15CuO4. European Physical Journal B, 1993, 92, 331-334.	0.6	18
1121	Competition Between Structural and Superconducting Transition in (LaNd)-Sr-Cu-O. Europhysics Letters, 1993, 21, 953-958.	0.7	55
1122	Coupling between superconductivity and structural deformation inLa2âˆ'xSrxCuO4(xâˆ¼0.13). Physical Review B, 1993, 47, 12288-12291.	1.1	44
1123	Microtwin Domains and Phase Transitions in La1.85âˆ'x Ndx Sr0.15 CuO4. Physica Status Solidi A, 1992, 133, 61-67.	1.7	3
1124	Low Temperature Structural Phase Transition and Superconductivity in (La Nd)-Sr-Cu-O. , 1992, , 349-363.		6
1125	Inter- and intragranular effects in microwave absorption of (Bi, Pb)2Sr2Ca2Cu3Oy. Physica C: Superconductivity and Its Applications, 1991, 184, 165-171.	0.6	18
1126	Low temperature phase transition and superconductivity in (Nd)î—¸Srî—¸Cuî—¸O. Physica C: Superconductivity and Its Applications, 1991, 185-189, 903-904.	0.6	71
1127	Energy balance analysis of photovoltaic cells by voltage-dependent modulation photocalorimetry. IEEE Transactions on Electron Devices, 1990, 37, 498-508.	1.6	16
1128	Correlation of spectroscopic and superconducting properties of REBa2Cu3O7âˆ'y with the rare earth ionic radius. Solid State Communications, 1990, 73, 357-361.	0.9	28
1129	Calorimetric separation and determination of conversion losses in solar cells. , 1988, , .		1
1130	INFECTIOUS HEPATITIS. ATTEMPTS TO INFECT RODENTS AND TO ISOLATE VIRUS IN TISSUE CULTURES. Canadian Journal of Microbiology, 1956, 2, 329-339.	0.8	3